

ONWARDS

Wordplay

Sachin Shetty

S Labs Solutions

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*To create Magic, We turn every stone
To all the Creators, Thinkers and Builders*

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AUGUST

2023

1 STEP

Move ahead, its time to get up and crawl

We have fallen again, embracing the darkness & hiding from reality

Without work, riches are impossible

Do not skip any responsibility

Take one step today, Clean the cobwebs of Brain

Create the future, failures are repeating with same actions.

Reject the wrong way of work,

Get going slowly, Walk, crawl, run, waddle

The ship encounter mighty storms all the way to reach their ports,

Do not be disheartened, Life is not over

Its a new day again, Do the necessary first,

Focus on the most important work,

Get fit, became a responsible & disciplined person.

TARGET PRACTICE

Lock on to a single target,

Keep hitting it regularly without break

First make the basic requirement meet,

Everything else is unnecessary.

Do your best work in the 1st half,

Everything else can be done in the evening if possible Your health should be optimum for long term.

DE-ADDICTION GAME

Begin with the end in mind

Stop reading the news, stop reading exaggerated fiction Instead read biographies, research papers

Solve puzzles to keep mind active

Know the problem, that is holding you back

Use your memory recall power to solve problems, rather than day dreaming

You cannot rewind the past to fix mistakes,

Instead work on today, so that your future pathway is not derailed.

You have to become better than what you did last year.

So do today, what you wish to be in the future.

LIVING AGAIN

Life has provided an option to live again

Another branch to hold on to desperately

It has become a nightmare to live without hope

Hold on to it wisely

DECLARATION OF WAR

Excuses have been flying continuously.

Debts are piling due to wrong actions

Interest wanes off without dedication.

How is it, that even the basic things are not understood leading to problems

Using the easiest solution is leading to testable outcomes

There are no shortcuts, no quickfixes.

Get the ball rolling, do not apologize for new mistakes and avoiding creating issues.

We will try a 100 different tasks, but we will not stop trying to win

Become consistent, its the easiest way to come out of the current predicament &

All future problems if not handled

No more excuses, no running away

We create our destiny today, yet again for a brave new world

SEPTEMBER

2023

MARS VOYAGE 1

10 explorers launch off the coast of Gokarna aboard the Nandi rocket in 2030.

These are 21st century frontier humans to colonise the planet Mars & set the foundation for extraterrestrial exploration of heavenly bodies

Technology has been honed for Earth conservationship.

Tefining/improving lives of Billions people across the World

With potable water, local renewable Energy, clean air systems.
Oppportunity for all

Commander Shetty/Gaganyatri,
started the exploration activity with a simple idea

The idea took a life of its own with countless contributions to build the idea exponentially.

RHINE FLOW

Rhine is brimming full of Water,

Breaking it banks across Granfenwerth land,

May the snowcaps in the Alps and Rheinfalss, fill up for a bountiful spring
in 2024.

Nature does its work,

Summer was hard, Autumn was Good.

The Winter will test you and Spring will bring a smile

LAST 20 EURO

Downfall has been swift & brutal

From the brash, affluent posturing

To begging alms, its been sheer drop.

CAN I DREAM, AGAIN ?

Can I make my Dream come true, Again ?
Are you done, with life's problems
Do you see yourself out of the rut,
Can you breathe without being perennially suffocated
Do you think you are left behind.

Make things possible with simple work
The space farer dreams is possible with constant push
Keep the direction in the right angle,
you will eventually reach there.

Compound your actions, build day by day.
Its ok,
if you are a decade behind.
You have a decade of experience of what not to do.

Now put your ideas into practice,
Bootstrap your ideas into reality.
Dont be bogged down by life's curves.
Excuses are no longer necessary.

Take a step ahead, slowly build.

Plant the seed today, see it grow into a mighty forest.

ONE PROBLEM

Life becomes a disaster while trying to fix a million problems

We are overwhelmed by the magnitude of all the problems in the world.

We see the inability to fix certain things as total failure &
Go to the place of darkness where we are unable to get anything done.

Stop assuming responsibility for every problem
Instead take only a single problem to tackle each day.
This problem need not be grandiose.
It need not win an award/ accreditation/ praise from everyone else.

Build your solution in silence,
stake out the plan meticulously.
Read in-depth about the problem,
become the master in your field.

The world has a million problems,
There are 7 billion people to handle them,
Crawl out of your misery, one step at a time.

As long as you are alive,
your problems can be conquered.
There have been many doors closed and opportunities squandered.
Rather than reminiscing of the things lost,
Work on tackling the next opportunity.

Make your own luck,
There are no shortcuts to a well lived life,
go slowly but surely.

PAST

With Covid implosion,
jobs loss led to visa rejection

Fear crept into paralysis of life
Debts piled in enormously,

When an opportunity comes up, A lot of work got done

Fear of unfulfilled dream & greed led to accumulation of additional debts.

With a distracted mind, circumstance led to job loss & another round of
paralysis.

There is a mountain of debts, but there is also a way to climb it.
One step, one week, one month at a time.

Falling into the abyss, being forever saved by family
Getting hooked to TV during exams to beat stress was /is precursor to
failures.

PAST 2

Music that we grew up in our adolescence years will carry forever with us
life.

As i look back into my life,
I can either label myself as a failure counting all the mistakes and losses,
Or i can lable myself as fortunate,
being able to overcome the loss inadvertantly through sheer luck and
support.

Each door that opens in a day can either be an opportunity or a disaster
Do i stop openings the door and stop life for fear failure repeating
Or do i take chance at any opportunity that could help cope with the losses.

I can accept life as it comes,
but without some direction it will lead to downfall.

We need to look out for danger while walking the street, cycling on the road
Eating the food on the plate, the air that we breather and the actions we
take.

A small innocous misstep could lead to cascading effects of misery.
Each one of us, has to grow & live with restrictions and boundaries.

Where we are born, whom we are born to,
How we are born is uncontrollable metric,
but after a period of life. We get to choose how we live going forward.

Reduce the variables in life, Strike out the leakages & past actions have
created problems. Its unwise to repeat the same actions & pray that it will
lead to a different outcome.

Tomorrow will come, do equip today with a better way to live.
Remove inaction and lead with positive action.

OBSTACLES

We become overwhelmed by problems

The walls keep closing, suffocating is for air.

Find a way out of the obstacles.

OCTOBER

2023

ASSURANCES

Do not carry a heavyweight everytime
Take some time off for yourself too
We get lost in meeting others expectations

Every obstacles we have faced and will face in the future,
Will become a step to climb when we look back

Life is not supposed to be difficult everytime.
Its ok to drop heavy bags on the way.
Every new day, a different way to live again.

FIGHTING FIRES

Running out of will and will, to fight the Fire
Entropy will work against doing nothing
There is no neutral behavior,
The world does not stop, if you close your eyes and wish for the problems
to disappear
Tides wait for nobody,
they will keep beating at the rocks &
Erode it slowly first and then pulverize it.

Plans for the fires, remove the fallen leaves regularly.
Cleanup the wrong acts, do not allow misery to seep in.

Every small things matter,
Do not neglect the small problems.
A mold at the corner can destabilize the entire building if left unchecked.

You can cry world, only a fixed number of times
If you do not work it,
Nobody else will turn up to fix things &
You cannot keep blaming the world.

TACKLING SUICIDE

What will i leave behind,

- More troubles for family
- loss of good memories
- Repent/regrets for things not done
- last picture / nightmares to tackle

Talk to people about difficult

- In an anonymous forum
- write all your worries
- write what you would change in self
- choose only 1 item & work on iy
- Burn the letter with items not in your control
- Do not carry a heavy burden, just because it was put on your shoulders

CRAZY FOR MARS

To make a lasting change, One needs crazy amount of focus towards a single goal

All my life, have been running across different problems, distracted by pleasures derailing effort.

Let me follow a crazy plan to Mars,
Learn everything about spacecraft, Become great at Operation.
Solve problems for every obstacle, be hands-on.

Most of the time, the solution is right in front of eyes. But one was distracted by a passing moment.

Let today, be the zero-day.

We need to aggressively pursue Human Spaceflight,

Learn and practice from Astronauts routine.

Become knowledgeable, be source of ideas &

Force of implementation.

Get things done, Do not hide's ones talents.

Be relentless resourceful.

To the dreams, that stay in one's palm when pursued.

FIRE OF WINTER

Winter challenges you to become better
You prepare and fight against it everyday
There cannot be any complacency,
there is no optional part to overlook.

All it needs is a small way/opening &
It will engulf you completely.

I will start the day strong, with a prayer for the soul
Exercise to get the blood flowing,
a hot shower to banish the cold away from the bones.
A journal entry to kickstart the morning with a purpose.

GREED / JEALOUSY

A month ago, life was in complete doldrums
Unemployment had persisted for many months.
There was no food nor money to pass the weeks and days

A new opportunity presented itself in a different region,
money for expenses which did not exist for stay, travel and sustenance.

A hail mary cry for alms was sent to remaining friends,
those who could, helped at the moment,
provided relief and hope to live again

Major roadblocks seemed to have passed in the month,
with the arrival of salary for the job as oasis in the desert.

Wish was fulfilled to live another day,
A warm bed, food for the day, roof over my head &
Job to work is what one would dream & wish in the depth of despair.

The mind/self is a strange creature,
the good message of a friend,
seems to put life into jealousy.

One now starts to count the regrets/gift of the things not available in
comparison.

A month ago,
life was in the teething edge of homelessness &
One just wanted to exit poverty,
But now one wishes to have a mansion,
a luxury car without putting the necessary efforts.

Greed and ego should be kept in check,
Life has been good till now.

Now is the time to work ahead for a better tomorrow.
Doing the right things should be of paramount importance

EGO FALLOUT

Do not let Ego pull you down
Don't let others' success diminish your own life
Your life can be improved, stick to the simple rules
It's you against yesterday, against last year

Need to prove myself for a life of contentment,
Dedicated effort to be at the top spot.
Set life for a distinguished living and service
Build your own framework for competitiveness

Make everyday count,
set hard targets for a higher goal in life,
By accomplishing small wins everyday.

NOVEMBER 2023

33RD ORBIT

What will i achieve this time round ?

How will i get closer to Mars ?

Which area should i focus, to become valuable to teams

How to become a resource of excellence ?

Need to become a force of gravity to be the best and distinguished in the field

Each month, each week, Each day

One burn to correct orbit towards the goal.

33RD ORBIT 2

To what i can be, from what i could have been
To climb the highest mountains,
from escaping the world in uncertainty
To live to a purposeful life,
from meandering senselessly buffeted by the world.

GREAT

I want to be Great,
I do not want to apologize to anyone
I do not want to beg to anyone
I do not want to have any excuses for work
I want to become credible, i want to have consistency
I will not take things for granted and waste my time
I will leave behind distractions from news and social media
I will only concentrate on my main line of work
I will not lose focus trying to catch up with the world
I will not lose my chance at acheiving greatness
I will follow a regimenm, I will forge ahead
I will learn from others, this way i will build myself stronger
I want to be lean and strong
I will not repeat the mistakes of my life

ALIVE

When your hope are down
When misery has gripped you tightly
When the world seems running away
When old dreams reamain unfulfilled
When your stuck against the wall

Notice,
That you are still alive,
That you can breathe the air
That you can remake your dreams
That past experiences were experiments,

Remember,
Each journey will have its own path and time
Each result, either success/failure can be restarted with the next attempt
Each life is precious,
A few years presumably wasted/lost, does not mean a life of failure

Pick up, wherever you are,
Do, whatever you wished
Be, the person you dreamt to be
You are Alive, You are the pilot of your spacecraft,
Reach for the stars

THIS DAY, EVERYDAY

When your drifting against the tide of fate,
Without the light tower to guide against peril
The might of catastrophe, whether external or self-inflicted, will throw us
astray

Change the direction of the sails,
Build strength slowly beating the small waves occurring everyday
When the next big wave comes crashing,
Change the direction of the force towards your own guiding light/night star.

This day, take cognisance of your fortitude
Keep fixing one problem at a time.
Make sure to master it, to never return ever again

Build your mental map for the wprlds,
Clear your cobwebs, knock down the unnecessary and invisible luggage
pulling you down.

Choose to fight a single problem,
Not all the problems of the world can be fixed by yourself alone.
Make today and everyday, Your playground.

DECEMBER

2023

FIRE AND DUST

Start with whatever knowledge you have,
One can never have complete and perfect info,
We have to keep updating as things are necessary to change and fix
direction
Build a large fire to sustain your journey,
Your habits and discipline will make you a unstoppable force,

You cannot reclaim your past or every any failure & regrets that are built
You can only claim the present and use it for best possible outcome with
progress
Any task requires mastery, focus on a single goal
Pursue it relentlessly every day and test your growth with tracking and
competition

Come out of your shell, unshackle your chains of comfort and discuss.
Each one has a fire inside us, one needs to keep it burning with a sense of
urgency
And with attention to detail

Burn with fury to become your dreams.

ONWARDS

Onwards towards somewhere,
The path is misty at the start,
Daily progress, making a few dents at the edges
It takes a while to get the entire picture,
Knock around a few things,
Pick up broken pieces.
Leaving behind missed opportunities,
making diverse memories, some joyous,
But the harsh one's seem to linger and reappear at difficult times.
How simple to blame circumstances for failure,
How easy to accept accolades for success without circumstances.
Memories long forgotten, for hope of a better tomorrow.

LESSONS

Life has simple lessons for everyone,
To understand, identify challenges
It keeps recurring unless the the challenge is solved.

Surviving everyday has a complex set of tasks to master for living better.
Keeping the living area hygienic.
The loop will run forever.

Be grateful for whatever existence has thrown at us.
Good things will pass, as well as the difficult times.
Avoid vices like the plague, it makes no sense to follow a path
Which is known to devastate anything in its path.

There are better ways to live.

MOMENTUM

Use gravity, carefully fire thrusters
To find optimal trajectory to reach the orbit

Start from current position,
Update your direction with the right path,
Do not lose momentum by making wasteful burns.

You know now your destination,
Avoid everything that will take you astray.
Work on the most important and difficult problem.
Your time and skills should be premium

There is a way out of any problem,
Look at the long picture, you can always take it forward.

MOTIVATION TO DISCIPLINE

To get ahead in any aspect of life
One needs to develop good habits,
Foremost being discipline of work and health

Doing the hard task,
the boring work that gets the job done
Will be rewarding in the long run.

Build the things, that people want to use.
It would make their work less difficult, reducing friction.

Your project should not boast of its tech,
But of its usefulness to the target users.

Cultivate the habit of requesting feedback
from multiple levels
Make sure you are not building a useless product
that does not solve any actual problem,
But it was some hypothetical problem that never was.

Everyday progress will bring the necessary discipline.
Build organically, rigorously validate your progress.
Build fast, break things and fix them along the way.

SHORTCOMINGS

I thought my problems were overwhelming,
But when i ventured out of my comfort zone
I saw someone physically challenged with a smile on their face
They did not allow circumstances to overcome their life
My life is flawless compared to them,
Utilise your gifts for betterment of life.

Ready to fight again,
The days ends, bringing back the night and cold with it.
Each day is an opportunity to live reducing fear of the future
The worry burned at darkness,
with good work accomplished during the day.

EMBRACE DIVINITY

There is an unstoppable life force inside us.
Do not let it flicker away with the worldly forces pushing it around.
Embrace the power, fuel its existence.
You get to live only once, do your work.
In search of others, you have lost yourself.
Become the light of the world, Do not become the firefly,
that gets attracted to every light that comes in its path.

You have the power to move mountains,
the power to reach the Earth's Moon.
Mankind has done it before, Surely you can do it too.

Choose the hard problems,
make sure every action is toward solving the exploration of the cosmos.
We are made of stardust,
lets also get close to another puzzle of the Universe.

Let of the unseen shackles, the habits invisible to our minds which drains
out the soul each day.

Add one step every day, you would have moved mountains in a Year.
Embrace the Divinity in You.

JANUARY

2024

PURPOSE OF LIFE - VISIBLE

All the actions in life till today,
where for some activity which never really mattered.
Every day was just another moment which passed without direction.

Today, everything is making sense.
I can see how each action taken every hour will change the course of life.

1. How will my eating habits from today,
make or break my body based on good stuff or bad items which will bring
health issues.

How does my diet affect my life process in 20 years.

Drop all junk foods and ultra processed items, skip sugary carbonated
water.

Switch to consuming home cooked meals, fresh fruits and vegetables for a
better digestive tract.

2. How will my exercise regime,
match up the requirements to persist in Space travel and eventual existence
on Mars.

Drop the heavy paunch and build muscles in the right places.

Become fit be able to complete a Iron Man.

You will have to swim across oceans, walk miles in unpalatable spaces and
pedal unknown distances.

What you need to be in 5 years, become the Astronaut now.

3. Utilise your intelligence.

Become prolific Contributor to Human space research and telemetry analytics for Mission Operations.

Relearn the Maths, physics and chemistry needed to survive in Harsh climate.

Use your brain in a focused manner.

4. Make hard choices for life, do not linger in shallowness and run after temporary pleasures.

We will be able to visit distant planetary bodies.

Now is the time to pull the ejection cord on Wasteful activities.

5. To Mars, whatever it takes. Make the fixed plan and stick to it. 10 years of sustained effort will make you the best in the field. Do not let your soul die in obscurity. Each day, should be a step in the direction towards Space exploration. Inspire yourself and others with your discipline and single minded focus.

Let's fucking Go !!!

2024 RESOLUTIONS

- 999 Commits - Space Sim
- Run/ Walk 4 km - Every day
- Debt free- Single Payments loan
- Family Ceremony
- Satellite Launch - Station Visit
- Work - ZFT Permanent
- IAC - Paper Publish + Code
 - Best Paper Award
- Family Health Maintenance
- Mom - Work Reduction / Automation
- Appa - Financial Support
- Home - Buy Support

EVERY DAY AHEAD

Grateful to see 2024.

After the blows of Dec 19, March 20, Sep 20.

Surviving the disasters of May 12, Aug 22.

Every euro saved, slows down the interest of Death.

Pursue definite optimism, Push towards Mars each day.

Its alright to slow down, but do not stop again.

Each takes a lot of effort to get going again.

You can do it, Take one step at a time.

Do not worry too much about the future.

You have done harder things before, trust yourself.

Write everyday, helps to see oneself progress.

SPACEX 2024

A path is visible to visit SpaceX.
Showcase your best work to be at the frontier of Space Exploration.
You get the live only once,
You get once chance at divinity. Grab the opportunity with both hands.

Gaganyatri path for Astronaut work is visible for the Eyes.
With Monk/Sage mode activation,
Push the pedal to the maximum. There is no turning back now.

We are the future of the world, Become the best in the field by a large margin,
with 3X the effort from nearest competition.

We have come so far, we have a long way to go ahead.
The path needs to be made. We are on the cusp of a large-scale journey into the cosmos.
The start will be slow, it will be messy.
It will be difficult to sustain & traverse but we have no goal other than Mars occupation.

LFG to Mars via SpaceX.

Top Resolution 2024 - Watch Starship launch from Starbase Live. Hubli to Bonn to Starbase.

DERAILMENT

When we lose out on a opportunity.
The world doesn't care, but we build internal strife reminiscing the lost future wealth.
What if ? If the question that troubles us the most in times of difficult and failure.
It's hard to come out of the shell of loss,
we lose confidence in ourselves and keep avoiding everything for fear of extended loss.

But what happens in the present, is that the world is moving ahead.
The interest of death and taxes keeps piling again.
It's imperative to break the shackles and turn up at the starting point and throw the voice that stops you from getting ahead.

Do not waste time on getting back to the same track, the journey has diverged to a new path to pursue for the dream.
Let the derailment be a lesson to build our next adventure. The more you try,
the better you become and increase the odds of low turmoil in a future of less energy.

Stop the slide downwards, bring out the parachutes to slow it down and use it again a sail to become better.

We have lost accolades, wealth, companionship due to misdirection,
there is always a path to create new wealth,
gain respect and accolades from our daily actions towards a better future.

Remember not to waste again,

the days fly past in a frenzy leaving only regrets behind if constant action is not undertaken.

DISTANCE

We can only go so far, As we can Dream
Last decade has just passed with a whimper.
To many years lost due to directionless journey.

Now that we have a fixed hard target.
Orientation and correction everyday is paramount.
Maintain prolific contribution to code,
Build on your strengths, Can add other skills in parallel.

Distance currently looks infinite.
But now its possible to dream and make it a journey worthwhile

NEW CHAPTER

Each is day is new and brings out its own mysteries.
For a few days in our life, they mark milestones for change in environment, habits, goals.

Today will be a milestone day, a few activities will be added and some will be removed.

How major a difference it would make on our life goals and dreams , depends on how we see it.

Make this day as an addition to grow in life.

Every person is responsible for their dreams, We only collect memories along the way.

Do not let it overwhelm you, with the attention the world showers incessantly for a period of time. Take joy on the start of a new Chapter in life. Its ok to be nostalgic of the changes it brings and the goodbyes that happened. Such is life , that it has to move on. For new wonders are to be explored and experienced.

Congratulations on the New chapter in your life.

FINGER POINTING

The idiom - Point one finger to someone,
Four will point back to you.

Never made much sense in School days while studying moral science.

Now at 32, It all makes sense wonderfully.
With or without understanding others circumstance,
we are ready to blame them for mistakes.

Life is a great record keeper.
The very mistake you accused of others, unknowingly falls on your head.
You will immediately remember the harsh words you pushed on someone else.

Empathy is a gift and a skill which unfortunately only comes with life experiences.
Empathy rarely comes by reading or listening to others story.

Human life,
would have been better if we could also empathise with others like we can see and speak to others based on common journey.

SMILE AGAIN

Your smile brings joy thousands of miles away. Such is the mystery of life, we are amazed how our existence brings solace & happiness to many around us.

We forget to understand our own divinity.

Hope this letter finds you in great spirits, Each day is a miracle to witness. Everything changes in the world, but still many things remain the same.

We are born to showcase our best selves. Not everything goes according to our intentions, therein lies the beauty of life. A little bitter, make the sweetness feel mellow.

Today's pain, will be part of the reason for tomorrow's strength and gain.

I pray and wish for all the world's happiness to you. You help others in their existence, lending your shoulder as strength, to all those who seek solace in their turmoil.

Hope you get a strong shoulder to rest and get support for your endeavors in life.

Wherever life takes us, companions come together to be only part of a journey. We only have ourselves for company. Life we be better, take care of yourself.

Hope to be part of your journey for a while to receive the smiles, which brings joy across the oceans.

THE CALL

First time in all existence, there was the call of help
One was kept in luxury and no stake in responsibility,
Everything was available, but was not understood.

There was a shield from Pain and suffering.
One did not realise the importance of it
and kept wasting away life. Intentionally ignorant of the pain of others.

Now, When the call has come.
One needs to break away the shackles,
the self created ties used to run way from problems.

Its not a mountain to climb,
One only needs to direct life force to a fixed goal.
Answer the Call,
partake in the difficulty and solve the problems together.

TARGET 100

Each day target 100 times of each activity

Each day write min. 100 lines of code and its multiple

Each day write min. 100 words in Journal and its multiple

Each day run atleast 100 meters \times 40 and its mutiples

Each day burn atleast 100 calories and its multiple

Each day read at least 100 pages/para of Non-fiction, preferably research paper and its multiple

Each day save atleast 100 cents \times 20 with homemade food

This the way to Mars - Target 100 Hard

Do all the activites for minimum 100 days and its multiple

SCAVENGER OF DOOM

When you lose sight of your finance,
Your debts skyrocket to infinite heights.
It becomes impossible to have a semblance of life, due to the constant
pressure to float above water, without drowning oneself in poverty.

After the large expense event,
There was no money left, due to inherent mistakes, it also coincided with
loss steady income.

One had to stop consuming drastically, even making one meal a day was a
uncertain.

When you are in foreign lands, it becomes painful to find hope, a mistake
can be fatal and you would be thrown to the streets. The streets are
unforgiving, impossible to survive in this runaway world

A PLACE FOR MY HEAD

An idea surfaces to the mind,
Many times it just disappears, because of a distracted state of mind.
We do not pursue the ideas for lack of inspiration, prestige, monetary value
and lonely pursuit.

Whatever ideas comes to into your mind,
Notedown its flow, where it can be used,
How it can be built, who will benefit from it.

Make a plan for each idea to solve a problem, this helps the brain to think of
a new path to solve items.

Making a base on Mars, needs countless solutions working in sync.
Earth's cutting edge technology would be used for resource efficiency,
optimised to suit Mars requirements without burden of outdated tech.

Its a clean slate on Mars, We can build it in our image,
according to the best of our abilities.
Build it as a temple, a place for my head.

UTOPIA

You can only build, what you can dream

Utopia on Mars is possible, if you can create it.

Yes, the problems will be unsurmountable.

You have to become the Unstoppable force to change the Immovable object.

Many things in life are inevitable, its only a matter of when. Accept things as they can,
Every challenge needs to be overcome. There is no escaping it.

Listen to the child in you. The one who dreamed about the impossible, the characters in the Scientific fiction. Write the book, that you wanted to write.

You want Utopia, build it today. What happens later, is of no consequence. Knowledge of millenia is available at your behest, build it.

You build what you like, it should be only guiding light. Not for what someone else may need. Solve your problems with tech. It doesn't need to be beautiful, it only needs to work.

GAME : CHARACTER - ENTROPY - PART A

Our life is a game.

A game of character building with strategies.

Each challenge (day) costing us time in return for health, wealth and alliances.

Entropy is omnipresent, it erodes away the gain, if maintenance is not upto the standard strategies.

We acquire skills to grow in exchange for time and wealth, indirectly using our health.

Its a open world game, No fixed main quest until you identify it. Most of the times, we keep playing the side quest to maintain basic quota to be eligible to continue playing.

How does one's Character, acheive Hero status.

One needs to keep playing the game as long as it takes. Many levels keep repeating, unknowingly to our detriment , we would have not cleared it.

HARD PROBLEMS

What short term goal to pursue ?

What long term goal to develop ?

Mars is the long term goal to develop, developing skills to be in the ship.

Short term goal is practice real time Space exploration activities. Build simulation code, provide Open Source access to Space.

Make it easier for people to be part of it. Design, build, test, iterate.

BINGE READING AND WATCHING

Read as many books across fields, Switch binge watching from netflix to Udacity classroom lectures. All the knowledge of the world is available for free, You only need to seek it , move away from consuming twitter feeds, news articles to kindle books.

Pursure knowledge in depth, Mars is a terrible environment. You need to overcome many things constantly and fix problem immediately. Shape your life to be active, walk the path of trained astronauts. You need to pull double your weight, there is no entire for slackness.

UTTARAYANA - DIRECTION

Mars destination, only guiding star Each action to lead to Mars. Nothing else matters, Obsession should take over every aspect of life.

Like the ever changing orbital dance of the planets, Alignment is necessary to reach the goals.

Now take the chance to find the best path ahead, the best minds of the world are in contention.

Change the direction of your sails. Glide into the new world. Use the advent of Uttarayana to guide you further.

BOOKS KNOWLEDGE

How does one listen to the thoughts of thinkers, philosophers and inventors. Most of the knowledge was ahead of their time, understanding came after years of perusing the books written centuries ago.

How does one skip potential dangers from the things already done before, how can one learn from failures of others, if it was not journalled in a diary by a detailed writer.

How do you pass down learning and wisdom from a lifetime of trials and experiences to the future generations to come by.

Books in any form , is the highest form of democratizing education and bringing forth standards of people ahead in life.

Read from the history, read from your own current society. There is always something to learn which unlocks the magic of the world.

Reading as a hobby is recommended infinitely

FIRST MAN - ON MARS

Set the records, Do the impossible, accumulate and practice deep knowledge. Build the machines of Gods chariot. If you build it, they will come.

Each one of you, can shape your destiny. Destiny is part of destination. If you know where you wish to go & walk/work towards it constantly, destiny becomes feasible.

Storms, quakes, wars, famines and plagues will forever haunt mankind till the end of time. Each day we are enjoying the gifts and sacrifices of the people that came before us.

Now, Today, is our road to set new records. Go where no man had ever gone before. Become the First Man - On Mars

RAMA NAAMA

Om Sai Ram, Jai Shree Ram

Long awaited promise for a billion devotees near completion. A magnificent structure of devotions comes into life. Ram Janmabhoomi temple at Ayodhya, India has been designed with a lifespan of 1000+ years using only last stone granite stone blocks.

It has been with technology used in the temples from India which have survived centuries using Interlocking stones to build a Majestic edifice of Human endurance.

New age metals and concrete have been skipped due to their short lifespan, this temple is built for the next millennium, a sign of respect and tribute to the highest ideal of Mankind in the form of Lord Ram.

MONK MODE - GAGANYATRI

To go further than anyone else, One needs to shine the light into the unknown, Many paths needs to be followed without ties to the ground, Become one with your dream, Your destiny is possible, if you put everything into it, without holding back

BHAKTI - OM SAI RAM

A little habit change for self-care for the Bhakti consciousness of Shri Ram
- Om Sai Ram

Bhakti is internal prayer, devotion to the Entity in any way possible. Our Dharma doesn't measure devotion in currency, everyone has their own method devotion. Our culture has survived millenia due the inherent devotion which has carried across generations.

How will my Bhakti make a difference in my life? A lifestyle change in a aspect to improve one's own life along the added clause of Bhakti.

WAYWARD

Being thrown to the winds constantly, Path back to safety & stability is murky. Each day, the attempt fails to work Loss of confidence is taking out the last vestiges of light inside.

CHOICE HARD

To go anywhere in life, one needs to put complete effort towards it Cannot walk on two diverging planks, it will stretch life too much & break down.

Choose the hard problems that are unsolved, what will be relevant in 10 years.

Robotics in space explorations, Geo-engineering, Vision with mechanics

JAPA NAMA - RAMA

Wherever one currently lives, bhakti is omnipresent connecting to all the places one worships.

On this day, the world looks at Ayodhya. The return of the King to his birthplace after being displaced centuries ago.

We can push ahead in life, the fruits will come eventually. After centuries of Bhakti, the name reverberates across the Globe - Rama, Jai Shree Ram, Om Sai Ram, Jai Siya Ram.

Chanting the name has channelised the energy of the devotees, to bring heartfelt joy towards everyone around.

My own heart feels glad, though I am 7000 miles away from the Temple, looking at the views from the city , brings hope to the soul.

One's work will be fulfillment in itself, content in our hearts that our work is devotion itself. Results will reveal in due time.

DEAR SUNSHINE,

Time connected us after a decade apart. Like long lost traveller's we speak once in a while, showing our existence.

I have missed you and your presence for a while now. Those short meets we had a year ago is still fresh in my heart and mind.

How much this heart wishes to meet you again and keep looking to catch your smile, your affectionate presence.

How I wish I could embrace you tightly, like two salsa dancers flowing as one in a soothing music.

How I dream to walk hand-in-hand along the seashore, the wind in our hair, the warmth in our hands and the sunset capturing timeless moment.

I pray that in another lifetime we could meet sooner, spending a life full of love together. creating our dreams and supporting each other in joy and sorrow.

Hope is a potent medicine, Some prayers do come true, some dreams become real, some wishes are granted.

DOGGED PURSUIT

Pursuit of excellence requires knocking down problems every day Problems keep mounting everyday, these small issues turn into a mountain The mountain will always block the light, unless one keeps taking it down regularly Problems will keep pursuing you, unless you too start pursuing solutions in force.

LETTER TO MOM AND DAD

Children go further than parents, due to the sacrifices of Mother and Father during the most important time in the life of the child.

You have made our childhood safe in a nurturing environment, with your daily care and unseen sacrifices for years without reduction in your affections towards us.

Now that we've reached the age where you became parents, it's astonishing to understand the commitment and work that you did everyday, so that we could grow healthy. The education you provided by neglecting your own requirements has helped to grow in life with a great foundation and a future full of prospects.

Looking back, all your love for us was the safety aura which did not make us miss anything. We got everything that we wished at the expense of your own dreams and needs.

I will never be able to return the love in full, but I will try my best to live a good life.

LIFE GOALS - REDUX

All this time, worked to earn a living and build for another's dream. Nowv it is possible to build my own dream and also earn a living. Glad to have survived the perils till today,

A new dawn Awaits to build Mars Habitat.

Life goals now updated to reach the limits of solar system, from being a bystander to a discoverer of frontier space

PURPOSE IN EXISTENCE

One needs to have a good work ethic. Each life should have a purpose as the guiding light for all their actions.

Plan each day to the detail, take down the hardest problems at the start. Prioritize your goals, one can try a hand in many avenues as a past time, but there should be a guiding force to a single goal.

Time is the precious commodity, we realize it only when it's over, then we see a mountain of missed opportunities and unfinished tasks.

Live a simple life of sustenance, but lead the way in learning and discovery of new frontiers. Become a proficient learner and builder of experiments. Ask questions to self and other constantly, to understand if we are still going in the right path.

Make the best use of time, focus your attention, do not diverge and regret for being punished due to things not complete

SELF LOVE

Love comes in many forms and is an essential part of human existence to live in continued harmony.

We give our affection and love to the closest ones, we also expect a little love in return. Sometimes the love is not expressed directly, but shown/done indirectly with the care and responsibility one has for the other person/animal.

Most important of all forms of love is self-love. One can only provide care, support, affection and love to others from the internal reservoir. Once we understand and accept that at first, one needs to care of self, pursue one's own ambition, trial with destiny, then one can empathise with the struggles of others.

Empathy is the softest form of love, understanding the other person, supporting them in joy and sorrow, moves the world ahead.

DREAM MIGHTY GOALS

Everyday we see the magnificent machines reaching destinations which were considered impossible a century ago.

What is impossible today ? What has mankind not made an everyday recurrence.

Spaceships to Moon, Mars and planets as travel option is impossible today, but a few are working towards it relentlessly.

Make your own dream as mighty as being a planet explorer , plan to the finest detail and keep executing short term and long term work each day.

Not a day and not an hour should be lost in the pursuit of the impossible dream. The dream is now an Immovable object, its our own faculty to make ourselves the Unstoppable force.

Build your forge to create the machine to acheive the impossible. We are made of star dust, reach out to the stars

REPUBLIC DAY INDIA

Kartavya Marg, New delhi displayed the colorful and vibrant culture of Bharat, with dance forms represented across the entire region of the Nation.

Protectors and Masters of the Air, Combat/logistics/reconnaissance aircrafts showcased the might of the Air force, instilling a sense of security and safety from adversaries. Most of the earlier versions of the Republic day parade was dominated by yhe Men show showcased their acrobatics and Marchpast. Now women are also represented in equal footing, opening the pathway for the 50% population to be part of the national security. FRom the shool children to the youth, to the professionals of Indian female population , there was the sense of appreciation in nation building in various forms. Glass ceilings are being broken and women setting new records. For a nation to be developed and succeed, opportunities should be available and open for all. Bharat is stepping into the 4th quarter of Indepedence since 1947. With the might of the population, we can dream new dreams. Build and create new industries witht the knowledge and foundation from the earlier 75 years

MOON SHINE

Early winter morning, the moon is still high up in the sky. It shines in vibrance, taking the light from the sun, in turn providing light to Earth for a few days each month. A simple lesson for our life, take the light and the support you get from others. When you are capable to support others in need, help them as much as possible. One may not be able to give back in equal amount, let's hope that we become capable enough to help more than what we receive.

Moon becomes the guiding light to the sailors, workers of the night. Showing its presence, like our shadow always around. Take solace in the idea, we have nature always providing care to mankind. Air, water, food, resources are provided for our sustenance.

SEASONS

The seasons of Nature cycles everything,
Let time dissolve all she pain,
Let tomorrow bring new hope and a better view.

I'll be around, pricking and prodding in a way which might cross the line
many times.

We need the next of yourself, for herself first and everyone else next.

Each day is a new adventure, Wurzburg is the next adventure to unravel,
another step for your European discovery. Find the adventure at your
doorstep

DREAMS WITHIN

Time flies away instantly like paper on a stormy day. It's forever lost, unless it made use of. Doing many things in a day to be busy, is akin to losing time.

Take absolute care of your dreams, pushing it to another day in the future, makes the dream fade away, never getting its due time.

What legacy do we leave behind, we've only been consumers for all of life journey, make time to become a producer.

Stop the activities that drain your energy and dilute your time, focus exclusively on the dreams and push your life goals ahead. You need not follow the behavior of the crowd, there are many pathways to reach the goal. Build on the path that makes the gains to be strong and long lasting. Not an instant fling that comes fast and goes fast too.

Nurture the dreams within, you will walkways regret not starting a decade ago. Compare only own progress, the trap of comparing with others will take you down the abyss.

Keep your dreams within alive, keep the fire burning, blaze your dreams to the world ahead

LETTERS

I will keep writing letters, Words have moved nations forward, It also helps to keep sharing happiness, I have seen that my pain reduces when i write it our and joy increases whenever i make a note. You will have to suffer a writer for a while.

Write everyday, Note the execution to the finest detail. Experiment the flow everyday, No plan is perfect at the first draft, keep revisiting. Second hand knowledge is good for the short term, if your work needs to solve hard problems, You need to be hands-on with every detail.

NO COMPLAINTS

How life has changed in 10 years, last 5 years, last 3 years, last 2 year, last year.

What will life be in 1 year, 2 year, 3 years, 5 years and 10 years ?

The past had lots of ups and downs, mostly self infected due to pursuing multiple concurrent paths. Though the bets have not paid of yet, lessons from the experience are good enough to last a lifetime.

From the ashes, going to re-emerge with full force onto the world. Need to switch to become a silent creator, create a masterpiece by build everyday. Once it's ready, dazzle the world and take frontiers to a new realm.

No complaints now, will do and have to do what's necessary for the next 10 years to become a meaningful part of life's journey.

Become supportive to the needs of family and friends. In your own way, reduce their problems as they helped you to grow.

FEBRUARY

2024

LIFE PLANS

Never say sorry again, for mistakes that could be avoided. Do not show lack of responsibility at work and in personal life

Do it today, do it immediately. Do not while it away, life comes only once.

Become the best in your field, surpass all expectations. Show how it is done, lead the way.

Do not allow mileage for blame to be put on yourself, Learn all there it is, there should never be a lack of execution

LIGHT FEELING

Though the current times are difficult, I'm sure the day, where you will shine brightly will come soon. Your care, affection and love will encompass everyone and everything. I believe it will happen and wish to see your smile everyday

LOWS OF PROCRASTINATION

Over optimization and procrastinating work till the deadline always brings doom.

Become proactive, do the things correctly and before it's due. Do not compound interest of failure, you end up paying twice the price for not finishing in time.

Space is deterministic , with long term planning and excellence of execution. Do no deliver Sub par results.

REKINDLING CHILDHOOD DREAMS

Becoming a fighter pilot and better still an Astronaut was like a misty dream. One was not sure how to make it happen. Without a proper way to channel one's energy, one ebbed and flowed to myriad waters. After two decades the path is now clear, there is a way to become an Astronaut, only ingredient required is total commitment to work. The pursuit will be decade's long, but there is a pot of gold at the milestone.

The fire needs to burn strong and constantly. This dream should take over all aspects of life. Make the way to become an Astronaut, read and practice each moment.

THE SNUB

When you constantly let down others, shirking responsibility and work that needs to be done regularly Your character becomes sketchy, you are no longer seen as reliable, your actions have caused hardships to your dependents.

When you no longer answer to the hardships of the people who supported you in your difficult times, you lose their trust and respect forever.

When character is lost, you become a hornet's nest. People will avoid you due to instability and non-responsibility

Snub has begun noticeably now, With long list of excuses and lies given for non-helping response. One has become a pariah. Do not make it worse, become active to respond to problems. Find solutions and help at all times, It's no longer an option to become detached with closed ones, Show up and work.

YOLO

Work on your dream project full time, Your project will get you ahead, end goal should be terrific, start small, iterate on your design everyday. Once you keep working, you will get new and better ideas to continue building.

There is a lot to learn, join the nerds, Build, tweak, test & showcase the best work . Build it with tunnel vision. YOLO

ONE TRACK MIND

Shut down everything else. Quit reading everyday news, peoples feed, sports results. Its not adding anything to your goals, you need to focus on your goals. The task is gigantic to solve and complete. Do not let any distractions come in the way. You wish to be an Astronaut, start living, thinking, eating, breathing and working like one.

This is the shot at the future, learn everythin anew, only you can stop yourself from your dreams and goals. Do not settle for less, we go for Mars !!

One track mind to get there, learn all about the necessities for Human Spaceflight. Everyday read one paper and abstract to live on the moon. Build your ITN software and make a curriculum out of it to spread knowledge. Start acting like an Astronaut, take the lead, be the Best !!!

REDEEM THIS LIFE

We have made many mistakes, followed every shiny item, lost it all many times due to disharmony with self. Procrastination has caused all the failures, with so many things fighting for our attention, no energy was given for the main and important task. Things became mercy at the cost of misdirected efforts. We found solace in distraction, subsisting on just reading and creating opinion on others life.

Pull the emergency brake today, there is only one path that can be pursued. No time left for making mistakes, be focused at all times. Stop being a wreck, get your life together. Stand your ground, list out your priorities, write everything down. Remove everything other than the top goal, you cannot compete on all fronts. Become strategic and street smart.

Redeem the opportunity at your hand, don't lose it again. The times are difficult for everyone,
We do or die, there is no try

DAY ONE PUSH

begin the day well. Run to your hearts content, build those muscles. Healthy body absolutely required to reach Mars.

Idea to build- Efficient trajectories for Interplanetary transport network

Build algorithm, show simulations

Validate with completed, ongoing and upcoming project's

Needs to work with all orbits, Plug and play for other researchers, understand existing standards.

GRUNT WORK

Put your head down and do the work. Do not fight unnecessary wars, focus on being the absolute best in your field. Each day, you need to learn something new and incorporate a little bit in daily life.

Share your knowledge frequently and present them to interested audience. Don't only just speak, let your work do the majority of the talking.

There is no shortcut to the top, you need to create a lot of value to the places you inhabit.

RELIEF - WEIGHT

Weight has lifted from shoulders after a long time. The future looks a little more hopeful, Doing the right thing at the right time is necessary.

Soft deadlines will be death on Man, so many things expire without a warning. Keep progressing each day, do not carry too much burden by neglecting the important work. Make the best use of current resources.

No more shortcuts, each day will a new day to finish well. Drop the weights, become strong to grow ahead in life. Take relief in the current predicament, breathe properly.

COMPETITIVE CODE

Become proficient inside team. Improve your own knowledge each day, your work should be the standard to follow. Document your work, create easy to use tutorials to that people can use and build without complications .

ME VS YESTERDAY

Improve only one aspect from yesterday. Do not regress and fall down s position gained. Learn to maintain right / positive equilibrium . Each day exercise, write a page, read a chapter, eat home made food, build gaganyatri. No grand plans to achieve in a short time, we will do progress one day at a time, short tasks each day to not overwhelm oneself with day. We will plan it and execute it proficiently.

Habit of writing each day is maintained with 1 month streak. Next target is to create a streak of daily exercise for a month. It's day 3 and looks achievable by continuing daily. Alongside we need to build growth on everyday code.

For all 5 days work on office, consolidate the process into an idea and implement it for bhoomi.

Use the same lot principles to have Autonomous habitat for Mars, technology demonstrated with Pathfinder

DELIBERATE WORK

Choose your work, do it deliberately Don't be distracted trying too many things. Every item should be actionable.

Read how companies failed, how projects failed, how ideas were lost. There are failures which teach more than success , to avoid common pitfalls.

It's absolutely necessary to be optimistic, but not maybe naive in your transactions. Build good guardrails so that there is no catastrophic failures, but not too many guidelines that curb curiosity and experiments.

To do any kinds of collaboration, first do the basic groundwork. Your ideas should withstand basic scrutiny. Think deep and keep it simple, Continue to build every day, it takes 10,000 iterations to achieve your grand dreams/goals/ideas. Time is expensive, use it wisely

FADE AWAY

Every story needs to come to an end.

We think we are the main protagonist and do unethical actions and hurt others in the process.

We could do no wrong and justify all the wrong deeds. The chapter closes today, better to fade away than to come back again and cause misery.

There is always another path, take a different route now. Do not force yourself on anyone, instead push yourself to achieve lifes toughest problems solved

ALTERNATE REALITY

You need to take care of your dreams, Build your alternate reality where you work each day on your long term goals. We have a start on the health front, each day the muscles are being rebuilt to work in a high intensity environment . Life on mars would be building the systems with the hands, one needs to physically fit to endure the daily grind of a world creator.

Make time each day other than the work which pays the bills. We need to bring it up to speed again. The alternate reality has to become visible each day, like the jigsaw part finding its part in the whole puzzle.

THE RACE STARTS

In the heat of the race, you keep pushing at the max limit till the finish line is touched.

You take the right path to reach the end goal, No detour/ distraction will let you win the race. It is great to build and win everyday battles, but the vision should not wander until the war is won.

There can only be absolute victory, no prizes for second place and giving up goals in the middle of pursuit.

The race has started, keep delivering each day, remove the blockers instantly if they diverge from the main path. We have only one shot to Mars, need to be perfect to be at the top of Astronaut group.

WE ARE JUST GETTING STARTED

Voyage to Mars is getting heated up, more barriers are breaking for technological progress. An entire set of robots can do the whole with of Mars Habitat maintenance. understand the different systems available to demonstrate the first version. Make the project interoperable so that progress can happen without rules and hand holding.

Learn from your past mistakes. Avoid repeating them to go to the next level. Think deeply, make the plans fool proof,

SpaceX scale is mind-blowing, 2023 they made 97 launches, this year they are targeting 140+ launches. Frequency of launches every 3 days, do not let your dreams become small. Dream impossible things, Work like crazy to achieve your goals, lack of effort should not be the reason for your failure.

We are just getting started

PAIN, GOOD

Muscle pain is not being felt, Just one day of intense workout, has made path for new muscles. Old one's are being closed to build new changes in body structure.

Running a good pace on the treadmill, is the start of good pain. Each day add one minute to daily run. Goal should be able to run a pace of 1 hour daily. Laps should be 5.5, 6.5, 7.5 and 8.5 kmph. Once we hit all 4 speeds, we next make it 3x * 4 speeds. 2x * 3 speeds * 4 mins = 24 mins is current progress, Add new speed 8.5 after 10 days. 1 lap of 8.5, 3 laps of 7.7/6.5 should be the 30 day target.

Build and grow the pain threshold through daily exercise. A simple person should be able to run atleast 10km on a given day to reach Mars. We will do it, adding one brick at a time to the University, Its going to be built soon.

ALL ACTIONS, NO RETURNS

Other than school exams, nothing in life can be predicted with doing hard work. Actions are the basic requirement to proceed forward in any path. But one can never expect benefits for all the actions one has done.

Most of our actions will fall into experimentation and learning box. Here results gained is not immediately visible as monetary gains, but showcases itself as proficiency in work. One becomes efficient and fast doing the task and apply it to related work.

No feat of action is ever wasted, unless one absorbs the lessons generated during the course of action.

It's only when you see the launch date, but not if we are going to Mars. The launch date may be currently visible, but one's daily work will pull it early. The mist will slowly fade into a clear path launch date activities.

What did you do last week to Occupy Mars ? What did you do yesterday to Occupy Mars ? What are you doing today to Occupy Mars ? What will you do tomorrow to Occupy Mars ?

DISARRAY

By just changing the filters of life, Our life can be seen as either Amazing or Tragic.

Amazing when you count the blessings you have received, hope of a better future and work/things going in your favour, the same life looks tragic if you keep counting all things you lost, the people who lefty and the dreams not accomplished.

Each one of us has the ability to make it better in life, instead we keep fighting to open the closed door. Accept the reality of life, Move on with life, if things do not happen according to your wished, take a different path to get your goals.

Look at the good things life has offered, dont always keep looking back for the opportunities lost. Life will give as many opportunities as you keep creatingm, but remember there are only so many tomorrows. Do not be in Disarray your whole life. Get yourself in order, hard work is imperative, only with consistency would any goal become possible.

EXPENSIFY

With income not commensurate to the high debts to be paid monthly, luxury expenses have to be completely stopped. No funds available to shop for indulgences, no funds to have junk/lazy food.

Prep your meals, plan your intake to reduce strain on your body & on your wallet. Start using the raw materials, rather than expensive highly processed and instant food. This will benefit both your body level health and future expenses. Eat healthy food to postpone medical bills that will eventually come. Your body is capable of self healing, tap into the process of the divine creation, the ultimate efficient machine. Use your time wisely, it is a linear resource, but with energy tapering in a non-linear way, your days will disappear without energy. Keep putting your steps on the path to Mars, do not be blown away with avoidable problems.

BORROWED TIME

this is it, tomorrow is a nice distraction and a way cope with positive thinking.

we are already losing time by getting distracted with every small nuisance.

burn down the wasteful bridges, you will no reach your goals if you keep modifying your goal. Stick to a plan, go into the same mode and build things.

only the current moment is possible, don't push your dreams into the future and kill it unknowingly with a lesser unpleasant goals

FRONTIER EDGE

With cultivate focus and determined action, we are moving mountains, rivers, asteroids in cutting edge exploration of the solar system. With knowledge available for all those who want to build amazing machines. Nothing is impossible to the inquisitive mind, You can do it too, apply your mind focus on the problems till you either solve the problem or make any progress in the understanding it. Keep your eyes and ears open, take in more than what you can spill out.

Your knowledge will expand the greater you share and explain it to an audience. YOLO, work on the top goals for yourself. Take the steps, optimise your steps every day. Not all days give equal results, Its how you response on a bad day, you push on ahead in pain.

The explorers, builders, inventors have undergone immense transformation to reach the top spot, everyone starts at the bottom. Everyone starts at zero, your sustenance and resistance to failure is paramount. Take the unexpected blows, now punch it back tenfold. The frontier edge has still a lot to offer. Keep going after it, like the waves the hitting the shore infinitely.

MARS DETACHMENT

You are anyway going to go away. Why make anybody else wait in the future. You will not be committed to the person, your total commitment is instead to Mars. Do not spend time on false starts and for known endings. You are the eagle perched on the pedestal of sky, to fly higher than ever before in this world. Become firm in your beliefs. Out work, yourself

Stop the chatter, remove the noise. Outdo yourself, strategize your own life. Choose the best outcomes, take the hardest and most important work as the first task for the day. Catch up on news, once a week. Become invincible during workdays .

WATCHING OTHERS

Each moment spent looking at others, your wasting/losing the time that should have been put to improve yourself. The past only needs to be revisited for the learning from mistakes. Write it down, summarize the problem and then stop going back to the past. Either for reminiscing the good times or cursing for the at the wrong's that life has inflicted on you.

Do well, whatever you do. Do not stop at the first encounter of the problem or at the inevitable arrival of misery. Even this will pass, Do not become too attached to the present, everything in life has an expiry date. Move on from the memories/horrors of the past. The future can be created in the image of your own dreams, it will be slow and hard and difficult to make a small change in the universe. Each day you can still do something, keep your head up. Fight for your way

SELF PREDICTIONS

Make predictions on what you can change, then constantly surpass your goals with hard work. Life becomes better with doing, only talking about others will only get you so far.

Early morning run, gives confidence for the day to finish hard tasks.
Building energy with every workout, helps to beat late stage diseases. keep pushing your self physically with endurance training and cognitively by Building world class products.

100 DIFFERENT THINGS

Want to do a hundred different things everyday. So many things to build and showcase it to the world, tackle the problem closest to your heart and dreams. Shower undivided attention to it each day for few hours, once you've made good enough progress, you can rest by switching over to the next pressing item.

You cannot go back and fix the past, instead work on the missed goals today. The future can be changed by what you do today, the arc will change. Nothing is ordained, your fate is dependent on how diligently you do today's task. Don't skip on responsibility, make your existence worthwhile. You can do a lot of the 100 things, observe the time that disappears when you're looking at other things and losing it without any pain.

FOCUS - DOUBLE SHOT

Improve cognitive tasks each day, Build focus by building on small tasks, compartmentalize code work into experiment, refactor, merge and build. Keep focus on the important work first, reduce distractions by switching off doom scrolling at the first hit of problems.

Note down the timestamps when the mind starts to wonder. Keep the log of brain activities with timestamps. We want to build endurance of focus every day to activate flow state and maintain it for longer period of time.

With your work, fix all the existing problems, do not let it slip your hand by building a mountain. Use a scanner to give you everyday reports. Tackle the top objective at the start of day, at the end of day do the required refactoring to sanitize the work. Attempt for perfection with more trials with work, read the projects from top competition and commonly maintained projects. Make sure work reaches standard level of compliance.

PASSIVE DREAMS

Motivation is short-time event, It gives an initial burst of energy, maintaining the curiosity & energy for an extended time becomes difficult & gets lost in search of the next high.

Slowly moving ahead with the earlier direction is necessary, to build disruption one should create a notification/display which shows the progress of the work giving feedback each day.

How do we stop our active dream to not fall into passive dreams, One that just stays in our memory & a part of regret, thinking - I should have done it 5 years ago,

Make a companion object/person/app that will help you to keep raising the bar. From now onwards Feb 2024, each activity needs to be logged. We will do speed-running of tasks to be efficient in our work & reduce time between tasks.

Do not let the top tasks fade away to mediocrity by falling into the loop of procrastination. Social media doomscrolling and sub-culture acceptance mania. Time is limited & precious, do not ever push your Mars dreams to do something wasteful. Exercise, think, work, sleep. Nothing else should take away our time.

TOP SPEED - EXECUTION

Top achievers don't do many things all at once. Instead they put total focus & get the things done fast & correct.

Repair & correction should be avoided, since it will take double the effort to start the analysis & fix the problem. By doing many things at once, you lose the details easily and end up with mistakes.

When you close a task, it should be done completely, there should be no returns. Costs for context switch is high for any kind of distinct activity.

Become efficient with your work, do the repeated tasks faster to make time for new activities. Focus is the main driver for any execution, remember there are 100 million software developers worldwide, if you do not go fast you will be left behind. Your competition will not wait for you to catch up. Improve your time each time.

ROAD TO MARS

Need total commitment to plan and prepare for long-term stay on the Martian plains. You need to operate at a high level of excellence with focus, determination & full support for the cause.

Plan for day 1 on Mars, start preparing for all possible outcomes. Collect the necessary info & build your own simulator. Your simulator should replicate as much as COTS systems for eventual deployment. Start with a simple overview, then each day, work on the detailed task.

Food, water, oxygen, temperature, shelter etc., should last for 1 year minimum to build and survive in a Habitat long-term. Understand the components of CHAPEA, design your daily life around the mission requirements for Mars. Learn the basic skill set each Astronaut needs to be equipped like Plumbing, repairing walls, mending electronic/electrical connection, emergency medical care, self-diagnostics and operations of Habitat, personal hygiene & mental/physical fitness.

Mars should be the question of your existence. Short term goals and long-term plans should have Mars exploration as top priority. Showcase your talents, so that recognition for future tasks can get authentic referrals. We will work hard for Day 1.

BLOCKERS AND FRUSTRATIONS

No progress for a task, brings great strain. When you are used to spoon-fed instructions, making an own interpretation becomes difficult. Blockers cause a dip in motivation, making one wonder 'Is this the right path ?'.

The way forward is to take a short break, breathe fully in a long slow walk. without any additions like music, notifications and phones as distractions. Come back with a clear mind, go slowly line by line. Dont jump to conclusions & expect success in the first attempt. Think slowly, there is already a way in the problem, its just hidden and waiting to be unlocked.

You want to go to Mars ? Dont be discouraged by blockers and failures. You have no alternate options on Mars, the problems have to be solved. There is no way back, Drop down the baggage of the past, the expectations from others.

This is you against the world. You need to prevail.

PROGRESS

Its easier to criticize as something not done right, but then what have you done yourself to get ahead. Work in progress is better than work not started & not interested to Work.

Change the way you see the world, there are many problems, but also many problem-solvers. Everyone is doing their best to push the needle ahead. Dont criticize for things not done correctly for lack of resources. But you can criticize if it was due to lack of commitment and focus. Show that you too can build amazing machines, start small and keep building each day. You can dream to but/stay in a castle, but you also need to know to run & maintain the castle for a long time. Long term success is only possible with long-term work.

You need to learn the basic building blocks, to use anything temporarily you may not need training. But for the project to last and not fall down, you need to know how every item works.

Progress will be slow, Progress will be hard, Progress will be expensive, Progress will be time-consuming, Progress will take you away from leisure, Progress done right, will last you lifetime.

Dont skimp on work, show-up everyday, Build your dreams, help others to build their dreams too, Dont lose your identity in the crowd.

I will take what is mine. Occupy Mars, Gaganyatri

STRUGGLES

The failures, rejections, knockdowns in the pursuit of dreams are a challenge to sustain. Struggles end up consuming a large part of life. Its all worth it in when the dreams are made to come true.

Regrets are and will be worse, if you did not live up to your potential. You have to crawl back up from the abyss, re-learn the knowledge to grow higher again. There are no shortcuts, total effort is still required if you need to do it again.

Past is gone, it is irrelevant for the present. Can you solve it now ? is the only question that matters. Keep equipping and updating your skills, dont ever hesitate to do the grunt work.

You want to acheive something, dont wait for other, if it needs to be done. Just do it and get going.

FITNESS EFFECTS

Mind no longer needs to binge watch to sleep at night. Body is properly exhausted to get a good deep sleep. Running at breathable pace, also improving lung capacity for better cardiovascular health.

The lungs are happy with fresh air, The ears love the chirp of the birds, The eyes are comforted with the green of the park/land The mind settles down to the flow of the river.

Almost a decade since sweat glands are used propely, improving the total body exchange. Glad to be able to reboot physical regimen for long term stay on Mars.

THE CHANGE

Our lives are going to be modified with the technical advances on computer and robotics technology.

Will we be part of the wave that brings the change or be consumed by the eventual wave that would throw us astray. Change now to merge with the wave, we got swept over the last time calamity struck on us. Now we need to tackle any black swan events with tactics. Change now to improve your life conditions. We had disappeared from the world, its time to take on the world, become part of everyday life without tripping over slow tasks.

An essay a day, will take you to 365 essays for the year. Shutting down social media use, will give you enough time to read papers, write summaries for research.

Allocate your time optimally to reduce loss of important phase of time. You can work 8 hours hours strong during the day. After work let the body go back to the embrace of the nature. Learn to live of the land, make a short stay, hiking in the nearby mountains. There are many mysteries of the land to be seen with the eyes. Make short trips to the local trails and mountains. Mars will be hard, need to learn to live in harsh situations, finding spots to rest to reach the eventual goal. Put miles on your legs, build the resistance/strength needed for year long missions.

Everyday, we take a step towards Mars.

THE RUN

The start is terrible, the brain gives you all kinds of wrong signals to stop and take rest. Why wake up early morning & simply run in the cold. Instead we could be asleep on the cozy warm bed. The bad signals keep coming till 0.5km, once the threshold is crossed, motivation gets loaded by strong landmarks to cross.

Every week we are adding up 1 lap(400 m) to the total workout plan. Our target is 60 mins(8km) of top speed run. We are now at 35 min(4km). So that we can run the 10K run on 25th May 2024. Our pace is improving week on week, but we need to be careful not to overdo the run & result in an injury.

We only need to become fit and reduce weight by 10 kg in a year. Current weight is unstable and not good for long term health. We will reduce the total weight, by eating small portions and working out strong.

Parkrun on Saturday's seem feasible from 2nd week of March. We will have upgraded our pace to strong in 40 mins.

Week 1 - Feb 7:13 - 20 min Week 2 - Feb 14:20 - 25 min Week 3 - Feb 21:27 - 30 min Week 4 - Feb 28: March 5 - 35 min

This week we need to maintain pace for 35 min & hold it. The day starts by crossing the biggest hurdle, its a fillip to one's daily motivation having started with a win. Every activity that comes next is just the second problem one can fix.

We Run, Every day, Pound Sand.

NO WAY OUT

Perpare everyday to become better than yesterday, Better than last week,
Better than last month, Better than last year, Better than last month.

Today's work wil become the advantage for tomorrow. We have started on
the back foot, we are still way behind to become on par with life. But with
daily work we will take it forward, make it advantageous after a long long
time.

YOUR HITS VS HUMAN MISERY

When i saw that my failures were ultimate and had completely finished me. When i wanted to give up life entirely because i couldn't find the way out of the puzzle When i thought that my failures will never leave me behind and take my existence down with it

All my hits were due to the dreamy idea of perfect existence, where i got only success for all my undertaking. I have not corrected my reality field to today's world. There are some things that are lost and i cannot get them back, all future efforts are useless to bring back nostalgia.

When i felt my breathe locking me down in misery. I saw the blind lady on the road, I saw her current helplessness to go about further ahead without guessing the possible problems and pitfalls that are fatal and injurious. I saw her taking one step at a time, being hit by hedges and tree branches on the way. The entire world seemed built to make her fail and fall down.

How strong is her life force, even with total darkness engulfing her world, she was still pushing ahead. The world is mighty cruel to her, but her will of steel is able to push everything apart.

Lack of sight, has not stopped her to venture out of her home, into the path of the bustling world with cars, cycles, busses, trains, animals and people around. She had not allowed her visual impairment to stop her complete life. That energy and will to get up everyday, not allowing impairment to

see the world with a different sense. she has decided to do good with whatever she can.

I may not know all her problems,But I surely can understand that my failures and problems are not as insurmountable as the one's facing the lady everyday.

You do not have to get everything right in your life. Accept the drawback if they come.

This life has enough to live well, live simple, help others when possible. Don't make it difficult to live in your head.

REMEMBER MY NAME

Today, 27 February 2024, ISRO introduced the 4 astronauts for Gaganyaan mission. All are part of the IAF test pilots squadron, Group captain's and Wing commander position.

My name is Sachin Shetty, remember the name. I will also travel to space. This is my life's only goal. I have started at 32 with a role for CubeSat operations software. I will build my expertise to become an astronaut. There will be no other goals.

Each day we will equip Gaganyatri to convert dream to completed milestone.

THE SPICE MUST FLOW

What way does the path becomes clear to Mars

Control today's time, tomorrow becomes better.

What modules should i build to make the Habitat efficient

Build the local AI like jarvis - minimal requirement for Autonomous operations

Setup telemetry analysis with sensor data

How to make in-situ fuel ? Grow salad crop indoor with automation.

Every code/library should be MIT/GPL based to reduce issues with unwanted claims.

LOW ENERGY CRISIS

At end of day, with energy at zero level. It becomes extremely difficult to resist bad habits and vices.

The entire's day worth of accomplishment falls prey to the after dark activities. One needs to build reserve energy & a strong habit to stop the decline.

Like the night prep for a smooth early morning, also setup morning prep for simple night functions. Schedule your week according to plan. So that there are few rule violations. One can also work on top priority work.

Mission Gaganyaan is on, there is no time to lose anymore. We have to become a supreme specimen of athletic and cognitive ability. Cannot let this life go to waste. I chose to do great work.

MARCH

2024

HERMIT

You need to understand the world does not revolve around you. Its a chaos everywhere, those trying to build some order with it.

The cost of lost opportunity is greater than the cost of mistakes. You have to trust in yourself to do the right thing.

Build for the next 10 years, do not be swayed by glitter in any form. To reach Mars, One has to live like a Hermit to survive on the red planet.

THE GAP

Break in a habit ends up becoming a new habit. You need to remember why you started, so that you don't give up easily. Discipline is and should be internal fire, that does not let go of the push.

Don't let the gaps throw your long term goal astray, remember the end, remember the last failure due to the break.

Stop going after others, instead look inwards and give the same effort to one's goal. Lots of time is wasted in adulation of someone else.

Now we put the energy into focused work, today we are at the start point, there is nothing to do for the lost time. There are no shortcuts, we have to go ahead from this point. With the available energy we will move mountains and make miracle machines.

The beginner/apprentice cannot have an ego. He needs to learn every single thing. He needs to show up on time. Nothing is for granted, we have to earn everything ourselves and earn it now.

CHAMPION PROBLEM

Choose your Champion problem

Dont try to fix everything at once.

Choose a problem and tackle it everyday.

Do not dissipate your focus like a leaking container, you will run out of energy and not reach anywhere.

The goal is to solve problems one at a time, also do not try to take on everything. There is benefits to build solutions and stack them for complex problems

You wull also get ahead, by getting some wins behind you.

Choose your champion and choose your problem

REBUILD

Going all out for the goal. Long term focus and everyday focus to clear the path

Morning boost of a long run, where you can focus on only one thought, clears the mind of cobwebs. Task priorities can be stacked for the day. Confidence boost for tackling the hardest problem for the day : Health.

Do what is necessary for sustenance during the day. Utilise the remaining wakeful hours for pursuit of excellence.

Bring down the old habits, old structures, old pathways. We need to rewire, update, upgrade and start anew for Mars.

Rebuild happens one day at a time, Slowly the progress will accumulate to become an unstoppable force. Do not worry of short term visibility, We are going to become galaxy explorers, Everything for the long term, built with detail to work everywhere, all the time.

BARRIER

the world has moved past at a furious pace. mistakes of the past keep knocking down the Present with penalties. change in habits is necessary to remove the barrier

PREPARATION

Everyday there are fixed number of tasks to be completed, One cannot push them to the next day, it builds into an mess that causes extra effort to fix.

Tasks that take 3 minutes or less, should be immediately as they occur. No tasks can be skipped , better to do it the first time itself than try to handle multiples .

The morning start should be like a rocket launch, just wake up and take on the important task. There shouldn't be any pending tasks from the previous day, that would delay and derail your important activities.

At the end of the day, all the major tasks should be completed. Make each day as a simple activities that can be done without putting extreme and hurried effort. We need to live with grace , see the future and plan for it. We have overcome many obstacles, let's not make mountains of it and struggle.

DESERT POWER

Visualization and manifestation of goals

See yourself crossing the finish line and then do the work to reach there.

Overcome the existing problems that you already crossed once. Remember your history and push on ahead.

Breakthrough the cobwebs, the blockers that come your way. Look inside the power that you had unlocked a long time ago. Tap into the power and build your machine to the cosmos.

Throw caution to the wind, there is no looking back, as long as you are not committing crime, do not stop at any obstacles.

For Mars, to happen a lot of support is necessary to happen simultaneously. We need a wave of consciousness and application of human creativeness. Build your base, add more people into your community to make it a self sustaining prophecy.

Upskill a million people on space knowledge,
Provide updated knowledge free and easily available for the curious. Lead the way as a teacher for others and researcher for yourself to get to advanced knowledge and problems not solved yet and encountered.

PATIENCE FOR GOAL

The scarcity mindset makes you think only of the current need. The future is affected because you did not build on the goals. On the path where we had to move up a gear, we stopped and fell back into ignominy.

Its been a month of Exercise now, though there is no considerable weight loss, we have built a good stamina and can build on it. Its alright to have some gaps in between due to external factors.

Do not give up when you are ahead, train your mind to continue the process of excellence. We need some wins in the register, the last few years have been total loss and with a known reason being lack of focus . Now we know the problem, lets continue to build on the solution. Its only a matter of time, before the tide will change. Since its a matter of self control, the war within oneself needs to improve.

We need to fight for greater things, Fight to achieve impossible goals, Fight to become a better person.

SHOWCASE WORK

We are at the precipice of great work. With days passing by, contribute to the culture of the company. Build tools to help with problems, reduce friction with existing work.

Become the go to person for ideas and collaboration of new technologies. There is a great wave that will hit everyone , build your boat to save yourself and others .

The world is making things fast with advanced tools and knowledge built at the frontier science. Become part of the community. Do not shy away from trying out new ideas, iterate fast.

A MONTH TO GO

One more month to visit the homeland. There is a war to win before making the retreat.

No second measures to the end, we will push ahead with all the might.

Double the effort for the Second round of the push, every day counts for the exams. We need to have deadlines to make consistent progress, the time of mindless gazing has ended.

Make the first push for the Starship -Test 3 mission. You are a software creator, you are getting good at it, keep learning the tricks and get ahead in life.

WAKE UP

Wake up , get ready, run 3 miles, exercise your muscles. Start your work.

Do not try to do many things. Do not go after shiny objects. Do not lose track of the current problem. Do not forget the mistakes of the past Do not forget the lessons learned.

There is no way to delay the standard course of life, why delay and take the penalty later.

Wakeup the genie inside you, with your work bring magic into the world. This is not the time for second guesses.

CALM DOWN

Calm down the mind over the weekend. Store the knowledge gained for the long term. Give a small break to pursuit of information. Make the sunday, non-digital day, use your senses to see the world at a slow pace.

The world will still be here, it has not run away. Yes, the process ahead is steep, but it is not impossible to keep going forward. As long as we are doing daily/weekly progress, life will become better.

Look inside for answers, you can do it. See the world as it is, Remove the filter that is shutting you down. Map all the resources at your disposal, what you can do best for it ?

Become the best at your existing day task, use whatever you can get. The entire world is moving forward, do not have false ideals and withdraw prematurely from the competition

AHEAD

Everyday. the story repeats. Are you going ahead? Are you holding yourself back ?

READY NOW

It takes 10 years. Start now, so that in 10 years. You would be closer than today.

Nothing is impossible, Every human invention has taken grit, perseverance. Nothing has come by chance or luck.

Build your dream, its possible.

Suggestions to others is easy, an off hand remark, which one thinks is important. The beauty is in the details, get down to the T's/ O's and 1's. It will all make sense.

You are as ready today, as you will ever be.

CLEAN START

A clean start to the day is the best way to clear the mind of past responsibilities. When the home is clean, the workplace setup with the bare necessities only. The mind can work on important problems, rather than having tinge/tickles about not having the desk tidy.

Build immunity against bad habits takes an active dose. Diagnosis has to be done & the medicine/activity to fix the ailments should be followed continuously. It does not matter that the bad habits is completely terminated, its only pushed to the background. Do not allow its ugly head to rearback in difficult times.

Start again, Start anew, Start clean

BEGIN

Start small. Begin with no resources. Its not about the shoes, you can do amazing things with infinite resources.

Keeping making everyday changes, think long term. The next 10 years, will come very soon. No looking back now.

VALIDATION

Life's been miserable because there was no validation for the effort/affection given for others. It's been the pursuit of pot of gold at the end of rainbow, always going after the next shiny thing.

This life is short to only look for others for completion, we are sufficient ourselves.

Instead of avoiding the problem, now is the time to focus on the beast.

Our idea for Autonomous agents on Mars, is now possible with LLM. We only need to apply our problem to the solution. We are close to what we always wanted to do, become a part of the Stars.

PROGRESS 2024

We've improved our life parameters infinitely compared to 2020-22.

- The sleep cycle has improved,
- Clean and tidy surrounding has become a constant.
- Job security looks good in the immediate time frame
- curiosity and attention has come into the game
- since a month, we are actively exercising for peak fitness
- food is on the table, though there is a knife always hanging with debt.
Need to plan to manage it properly

My only comparison is with myself, looking back we've bounced back from acute failure.

The progress is happening, we will maintain it actively for the future.

It's a long life ahead, we will work on long term goals and align ourselves to do good work each day.

The days will forget, but the years remember everything

THE MARCH AHEAD - UNIVERSE

We are just a speck in the timeline of the whole universe. We are the heroes in our own universe and supporting actors in a friends and family universe's. We are the villains in the competition universe.

In a universe of universe's, do not become a spectator of somebody else universe. You have to take the lead in your own universe.

One needs to march ahead, there will always be uncertainty, it should scare you to take long-term journey. Its the only way forward.

STARSHIP - IFT 3 - 22 YEARS

March 14, 2024. Launch date for SpaceX - Starship- Test flight 3. It's been 22 years since the company officially started, It's been 22 years of continuous excellence from an idea , a dream , a milestone to cross.

An example of perseverance and dogged pursuit for the dream.

PAYLOAD FOR STARSHIP

Building the payload for Starship to Mars is the personal frontier to accomplish.

What will you build ? What will you take ? How simple will it be ? How robust should it be ? What resources can be utilized?

It looks like an impossible job initially, but carefully built idea with multiple/innumerable iterations should help to the make dream/goal possible.

As Paulo Coelho said ' One day you will wake up & there won't be any more time to do the things you've always wanted. Do it now.'

The fever dream is now in motion, let it consume my entire lifetime, but we will land on Mars, either in bits or whole body.

PLASMA AND WATER

You are water, finding comfort wherever you are now.

You are plasma, buzzing energetically in all states to make the next milestone. There is no settling down, move things forward, make your surroundings clean and better.

Do not hold back, do not hold petty grudges. Reduce friction to move things ahead. Do not lose your state of calm for small tasks, have zero expectation from others, instead set yourself to a higher standard.

To survive on Mars, you need to train to survive difficult situations. Learn to solve tasks each day. The way of Gaganyatri to operate at a level of top excellence.

Every day, we grow, we observe, we learn, we surpass. To Mars, forever.

TIME

Time flies when you are distracted with the whims of the world. Time disappears when you lost catching up to the digital world living like a zombie, pretending to be someone and having something to show.

Time answers to nobody who is not demanding of its compelte attention and Time only responds to the one giving it the topmost attention. Attention to time and prioritsing long term goals is the only way to make anything in this life. Gather deep knowledge, build your focuses to concentrate for a long time.

Your mind is both an apprentice and master of time.

The Ring Park in Wurzburg, Water landing of Sparrows.

ABOUT THE AUTHOR

Sachin Shetty

Towards Mars



BOOKS BY THIS AUTHOR

[Gaganyatri](#)

For Day 2 on Mars

Building a sustainable venture with Dharma to reach Mars and go farther than our fore-fathers.

To inspire excellence, demonstrate courage in difficult times and the beacon of hope for the next generation