

# ONWARDS

Wordplay

Sachin Shetty

**S Labs Solutions**

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ISBN-13: 9798876020147

*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 wells 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 it
- 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 achieving greatness  
I will follow a regimen, 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 wrlds,  
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 face,

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 precious

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 live  
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 your 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 away 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 multiples

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 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 the 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 school 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 Independence since 1947. With the might of the population, we can dream new dreams. Build and create new industries with 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 out 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 off 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 messy 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 Iot 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 life's 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 ?, 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/horror 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 properly, 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 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 I'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 wonâ€™t be any more time to do the things youâ€™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 prioritising long term goals is the only way to make anything in this life. Gather deep knowledge, build your focues 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.

# BOUNTY - HOPE BUILDING

On a simple day, the bounty arrived as a surprise after a long time, a wish got fulfilled to push poverty into the future. Few debts could be closed, long delayed family maintenance could be supported with the addition of bounty for non-restricted use.

This helps a long way in moving out of the survival mode into low chaos atmosphere and stable peace of mind.

How much the heart wishes, if ones parents could also have such experiences, where everyday survival is making them anxious about the future.

Though some temporarily avoid problems by neglecting them, till it becomes a mountain to climb. A life with low expenses and realistic expectations goes a long way for peaceful existence.

# DESTINY

What you are today, will not be the future you forever. If you build for the future, your future will also change drastically based on how you do it.

Everything works in exponential curves. You do good work, your outputs will raise exponentially, You do nothing, your outputs will fall down exponentially. You do bad work, then nothing can prevent failure.

It is not final, you can pick up from your current state. You are re-adjusting your timeline & base your foundations to grow higher. The only competition is yourself in the long run.

Nobody else will provide for you, what you can create each day is all that matters. You are the master of your destiny, every day you have an opportunity to fix your direction towards your life goals. Each day's change will not seem much, but when you look at the year gone-by, A lot would have changed, nothing stays constant. Everything might look the same, it's only because we don't want to see some things and we can't see some things because they're occluded.

Become aware, see things as they are. Don't be occluded by others' filters. Independently arrive at your own logical conclusion. Exposure, climax and conclusion are the different things that come in phases. Don't skip the queue, you will have to cross all the hoops.

# MOMENT

This moment is not my life. This moment is only part of the life in a long cycle.

Happiness in this moment will eventually pass, Sadness in this moment will also eventually pass. Dont lose hope, that you will never get happiness back in life again.

Dont lose hope, that you will never get happiness back in your life again. Dont lose your nerves and become anxious, that you will lose this happiness forever.

This moment is only but a phase, There is no eventual or total failure in this life. One might have failed in only one phase of life, it does not predict/foretell that you will always be a failure or doomed to suffer.

This life is meant to be lived, Nobody is a total failure, Not anybody is a total success.

Keep trust in yourself, keep building on your long term idea everyday. Perseverance is only way to achieve new milestones in life.

Even if you have given up, You can always start again. There is no penalty for starting late in the journey of life.

This is your best moment to start again.

This is your best moment, to continue on your journey towards everlasting creation. Do your work in such a way, that tomorrow's version of you will be proud that you started & continue building on your work.

# FIRST LIGHT

When your awake at the crack of dawn.

Entire day is at your mercy.

You csn shape the day against the best made plan's.

First shot begins with runnign for 5 km at a slow tempo to get the blood flowing fine.

With sweat on the brow, the war is already half won.

After the workout, the next few hours is a litlle precious time to work on your topmost prioritised goals.

Kepp the streak going for a week, a month. In a year you would be unrecognizable from your old self and you become unbeatable.

Always keep a measure on you progress,

You dont want to negate progress with an accrued bad habit picked along the way.

Time to max one's time allowance. You need to become strong to survive an hour on Mars.

# TECH FOR MARS

Satellites in Orbit

Ground systems and Communications

UAV and Rovers

Automated Fabrication

All the ingredients necessary for Mars is available at ZFT, engineering the different modules and bringing them together will be the work of Master Chief.

Make detailed plans with estimates and stages of development.

The plan should be fool proof and survive first contact with Review team.

Use the resources available to the maximum.

Build the digital simulation using Omniverse/Ros2

The bottleneck should not be code.



# NO SHORTCUTS

Bounty of any kind needs to be earned the slow/ organic way.  
If its unexpectedly put into one's hands, without the skills to utilize it correctly, the chances of losing the bounty fast is very high.

If the bounty of knowledge in the form of book/machine is endowed, without knowing how to use it extensively it will end up as a dead weight or go into the hands of someone else.

If the bounty of wealth comes without the manual of building a portfolio.  
The rate of loss of wealth becomes very high, since one spends on every other thing that catches the fancy. With large wealth involved, unknown benefactors will turn up from anywhere seeking it's share like a bounty for themselves, just like you got it.

# SPRING 2024

The sun is slowly coming into the horizon everyday.

The warmth of it's touch is setting the land to change into a lively and colorful green.

The birds are back in strength, early morning bird calls giving the much needed solace after a long winter.

There is freshness in the air, cheer in the faces of everyone around. Colorful clothes will be seen regularly after months of winter clothes.

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## *Fixed time*

Record breakers are able to use the same amount of time given to everyone else.

What sets them apart is their focus into getting the one thing right with total focus.

Many people are able to reach the potential if and only if they are able to find their potential and keep getting better.

Making it kinetic is all we need

# SLOW DAY

If nothing happened today.  
If no progress was made today.

Once in a while, your body shuts down to recover from the frantic pace of the last few days.

Take a long breathe, go out for a walk.  
Read your favorite book again.  
Eat a nice meal at your regular diner.

A slow day is fine, fill up your reserves.  
We are going to Mars, We need to build an arsenal of skills and resources to live even for a day.

# LONG TERM GOAL

All the milestones in life is possible with a minimum decade of continuous work.

We are all capable of completing the milestones that we can dream. We only need to keep pursuing it without getting sidelined. Maybe we need to put blinders like the one's on race horses which make them run only on the path defined ahead.

Dream big, keep the goals to yourself and include collaboration only when youve detailed it to a proper plan. Nobody wants to build castles in the air, we should a proper path ahead and make some progress with it.

Only making tall claims is no longer acceptable, with the advent of accessible AI , trials on difficult problems have a suitable guide. With a navigator to give hints, there should be no problem intractable which was earlier only possible with large corporations.

This decade we can accelerate progress of human ingenuity to the maximum extent. You can build as much you can dream, you need to persevere to become the best. Never give up, there are no dead ends in life, the knowledge we gain on the way makes the next steps less difficult.

Step out, make the change that you want with the world. You have an unlimited potential within you, you need to build your own motor which can move the world.

# REDEEM LIFE

What to make of one's life

Is this difficult moment, forever live with us

Will this difficult moment go away after a while.

How do we handle the demons of the past?

Do we live again in terror of the demon ?

What can we do to delay the onset and become useful again

This life can be redeemed again with constant toil. It will take 5 years to become net zero again, we will take the next steps every day.

This is the way, no other path can reach the destination with known inputs and without lottery.

# UNLIMITED KNOWLEDGE

With approx knowledge of the World in 4GB mistral.

What can we build ?

What problems can be solved ?

What friction can be reduced for humanity to progress ?

A wrapper can do things that a early creator could build, time to build with it for the future

Being gifted unlimited knowledge

Where will we take the frontiers of the world ?

New space systems will become accessible with Agents, Robots, Starships.

Build the future you dreamt as a kid, the sci-fi novels are just the limits, you can surpass them all.

Detail your goals into immaculate steps,

No idea is useless, if you show and implement the first steps. Only discipline and momentum can achieve amazing things.

Journal out your life, your the creator of your dreams. Wherever you are, you can build amazing thing.

# LIMITLESS

Open Source agents which give out instructions to solve a problem.  
Another agents which can take instruction and solve the problem. Both of these running on your own machine without paying any fees to others.

The world will be turned on its head, such specific knowledge can be directed to solves one's own problem.  
We can dictate commands and the agents will transcribe it, give out detailed instructions to other agents maybe even robots to get the work done.

We can build a safer world, stopping errors creeping into the world and save infinite lives with live problem solvers.

The future is limitless, now we need to wake up and solve whatever we wish to.

# EASY WRONG

If something complex seems to easy for you, then it means you've either did not understand everything correctly or your skipping something and its not working the right way.

We have to experiment with many things in life, there is no straight forward answer to lifes complex questions.

You cannot solve all the large problems at once. That doesnt mean you should not try anything.

Better to concentrate on the hardest single thing first and then Optimise it later if possible to other things. Dont try to fix everything at once its impossible to do it, itll take a lifetime to find the singular solution .

Solve the problem that your currently facing and give out the solution to others. Because definitely many people would be facing similar problems that you had, your solution may not be perfect at first, just bring it out and then improve it later.



# WAVE

Intelligence in a simplified form will be made possible with robots. The machine's will have simple understanding of the world and start to respond with people with a human touch having wide expertise across domains.

With calculations running in a distance, network access will be the only requirements for Robotic intelligence. One does not have to run a very large computer on the robot, it will receive instructions for new tasks from large skill repositories. Over time it will learn from you and modify its interactions to reduce frictions and get to work autonomously.

Give it a list of regular maintenance work, it will get the instructions and do the work regularly. All this is now possible with Open Source AI.

We have to connect the systems and make it go ahead and build the Habitats on distant lands.

Start with the tasks that are dangerous for humans, the Wave of robots with Intelligence is going to come soon.

We need to shore up, build your own robots to make it a simple world.

In this case if Ultron is developed by Mega Corps, you will have your own resistance with local Jarvis.

# PUSH

Each new generation needs a new frontier to surpass.  
We will never be satisfied with the status quo,  
There will be cycles of change in every industry and path of life. We are  
but a speck in the history of the earth, but we are the main drivers of change  
in our own life time.

Strive to work on a large long term, Keep the plan to yourself and  
constantly push towards it. You will have to undertake many expeditions to  
find the solution. No path is wrong, each failure is an experience that you've  
learned. The next expedition will be one less failure.

Filter out the criticism and the rejections of the world. What you have seen  
and dreamed about for a long time, is sometimes not required for the  
opposite person. You will not get validation of an idea, validation only  
comes when the idea becomes a real product. till then, push.

As the days go by,  
Your energy will crater some days. You should be forever vigilant and  
dropping guard near the finish line will be come a regret.  
Keep the wave coming, every week start again with a renewed plan. 10,000  
iterations to reach Mars.

To become a part of accelerated future, you need to burn down all the  
bridges. You need to set fire into the heart of the engine to go ahead in life  
at the top speed. Mars looks like an impossible goal today, but there is a  
path to reach. Find It. Make it yours.

# THE FIRE

To become a part of accelerated future, you need to burn down all the bridges.

You need to set fire your engine's to go ahead in life at the top speed and level.

Mars looks like an impossible goal today, but there is a path to reach.

It is a trial by fire, you have to shine at the brightest ember, not carrying any unwanted weight which hold you back.

Set fire to the rockets, you will reach the Heavenly bodies

# MAGIC OF TIME

Time disappears when your busy looking at others life and their creations.

Time slows down when you focus life on your growth and build consistently without distractions.

Time's magic is only understood when its gone,  
Many time we let the present wash away instantly, expecting to do things right the next day.  
Tomorrow will bring its own sets of tasks and repurcussions of the last day's mistakes.

Hold your time wisely. You have a choice on how to grow ahead. Do not think it is impossible, to the ones pushing ahead, the goal gets closed each day.

APRIL

*Essays from April*

# EXPERIMENTS WITH AGENTS

The ideas that you can now experiment and build with Open weight models like mistral and gemma on single card GPU is mindblowing.

Current goal is to build small applications for everyday which are run locally.

Keep building everyday and making the Agents smarter.

Hyperparameter tuning for Prompts is the current bottleneck to solve, How does one make the best of current resources. The 7B models are quite good for simple tasks, utilise them consciously.

Constraints bring out the best application.

When your access to GPU cluster is cut-off over the weekend.

The wait becomes long to experiment new ideas/prompts into making the agents complete the task on first attempt.

The road to Mars, is now possible. Its only a matter of when and not IF. keep crushing ahead

# 1 MONTH LIFE

Work for 11 months in a distant land.  
Far away from family and friends.

Make new friends and acquaintances along the way.

Enjoy 1 month going back home.  
Time disappears, We want to make so many memories.

The countdown begins two months early, with good thoughts about being home for a month.

We plan and plan, trying to fit as many things as possible in the short window.

At the end of the month, a wave of sadness comes over.  
Realising the clock has reset again and the wait is now a year more.

This is what we can do, in the pursuit of dreams and a different way of life.

# SECOND WAVE

The first wave made mighty inroads into overall improvement in life. Health has improved and work has become meaningful with new experiments.

The second wave commences now after a brief lull, with logistics and execution failing in the last sessions.

With knowledge gained and a baseline setup for the next wave, we are now well prepared to make more inroads into the Mars Habitat creation.

Make a detailed plan of action for the next two months, we are going to push forward with full force. Let's cover all the bases, till the objective is complete, we will not stop and fix from the failures of the last wave.



# BUILDING THE DREAM

Dreams only show the final step to cross.

There are steps before and after the final step of dreams which we need to make a reality.

Every step of the dream needs to be passed at a time,

Many times we falter and the dream becomes impossible at the moment.

As long as the dreams are about yourself and building it individually, there is never a good time than today to restart it.

Some dreams may include others, these are not in your control. So do not lose hope that it became difficult, as long as you do your part it becomes a path towards your dream.

Never stop dreaming, never stop building.

Faltering and failing is temporary, its not permanent. Pick up yourself whenever you decide that youve been down enough.

Dont compare your journey to someone else and to an ideal version of yourself of a long time dream. This life is a journey, be aware of your time and move forward.

Every dream of yours is possible, all we need is discipline and consistency.

You need to put a great amount of time, to become good at solving problems in a domain.

Every expert had to start as a novice, its with curiosity and persistence that they could become the expert.

Start again today on your path to your dreams.

# TRAUMA

Fear engulfs the body in the vulnerable state of mind.

When misfortune has struck in similar stable, the body becomes over-active trying to reduce the bad outcomes.

Trauma is a lingering feeling that will never go away. You have to learn to live with it, build a few walls/strategies to come out of the survival mode.

Make plans to avoid falling into the state of risky environment. Entropy always bring disaster in the world. If something is not actively maintained, it does not live in the same state forever. It actively degrades over a period of time.

If you don't follow your dreams actively, it becomes a regret and you'll only keep reminiscing the good times.

# DREAM TO LIVE AGAIN

We are living the dream again,  
Future looks bright with opportunities being available, when one is putting  
in the days of effort.

Each morning there is a little hope, that the day will be better than the  
previous days and better than the dreadful months and fear of turmoil and  
depression.

Lets build on the dream, making each day to pursue a new experiment to fill  
the puzzles of the dream.

Some days will not go as planned, but most days we can be in total control.  
We need to be deliberate with our actions, not sleep walking through the  
days. It is possible to make lasting progress in a few hours each day.

You want to want the things badly in life, that you will turn everything over  
to get it done.

# ENDURANCE

Motivation will get you started.

Discipline will keep you going.

Endurance will help you keep track.

Self-belief will take you across the milestone.

Life can become a monotonous loop, break free and keep building

# WRITE EVERYDAY

Its easy to get overwhelmed by all the issues seeking your attention.  
The only way out of it is ruthless planning.  
You can do only one task right with focus,  
Do not chase multiple rabbits.  
Plan,Execute, Re-plan, Re-execute.

A year ago.

I used to write for acceptance from others. Spamming link to family and friends. It was unsustainable due to low feedback and low reach.  
More than writing, beautifying website with jekyll would cause headaches.

When I read that Meditations by Marcus Aurelius was never published and the philosopher king wrote it for self-reflection, it unlocked an energy and freedom never felt before in journalling.

Now i just write it in Markdown. Push the raw file to github. And once every 3 months, just export it to kindle and pdf.  
Now streak is 100+ days. since i only need to write and edit for myself.  
Its time may or may not come. But the second brain is slowly being built day by day.

# BUILD

What you build,  
will It last a lifetime.  
Will it last a few years  
Will it last a few months  
Will it last a few days

Whatever you build, do it right.

For Mars, will be difficult and fatal every second.

# DARKNESS AT 40,000 FT

What does the pilot see at night

What instrument help her to navigate to the desired location

How dependent is she on tools created by someone else, somewhere far, sometime ago .

What gives her confidence to pilot a huge beast into the expanse of the sky.

In the darkness, with blinking lights around her and a guide light to see ahead without actually being unable to see anything. This is the topmost of professions.

# EYE IN THE SKY.

There may not be internet/mobile coverage yet for the aircraft travel.  
But one can still get GPS signals from GEO satellites.

Within a few years. There will be total connectivity across the World for all forms of transport with the rapid expansion of Starlink satellites

Looking out the window, one sees the vast land made habitable by human ingenuity.

We can create forests over the long term by letting the land grow with the initial seeds setup by interventions.

Most land has become arid, we need to create new methods to help nature heal, the race of civilization will never slow down by measuring the trails of history.



# WHEELSPIN

Oh how lovely the rush of air.

The way the earth becomes a blur with the twist of the throttle.

The memory of wheelspin on the bike was hidden away for a long time.

--

So much grace. Makes me try again,

Makes me want to see the smile every morning when I wake up.

Makes me to create new memories everyday for a long long time.

--

## *Time - Count down*

It's only a day back home, i already feel the dread of living alone again.

Those days without an ear to listen, my voice was lost, the words never came.

# SOBRIETY

When one has seen the devastation of alcohol misuse, the body/mind has created a defense mechanism of total reaction.

When one is asked of being sober from birth and never interested to consume liquor ever in life. It becomes amusement about ones intention.

What I've seen over the years of people struggling to become sober and going months and years of non-consumption, they understand the virtue of never having to have lost in the maze.

# TRAIN STOP- HUBLI

The memories keep coming back with a visit to the train station. This was a departure point for many of my travels and exploration into the world.

The hustle-bustle of the platform, the old smell of the station, people from all walks of life in various stages of life. From the kids barely walking to the old barely moving, it shows a brief time-lapse of the entire human life.

After all the years, the pace of life has changed for millions across the nation. Gone are the days of long distant travel, moving across different state borders to reach the destination. Now one can reach the other side of the world in 24hrs. Whereas only a few can afford a airfare, the nation's carriage are the Trains. Everyone and everything is moved across hundreds of kilometers, the orchestration now looks amazing at the distance. Making everything work everytime is a world class operations and management.

# READ BOOKS

Read to your hearts content.

We live a hundred different lives from the perspective of the author. You want to live simpler read across the cultures. Each culture has its own mystique which will revitalize your systems.

One would be able to read any book at any time within a minutes.

Kindle has democratized book access across the globe. Not having to wait for months for a published book to cross borders.

Books like Hackers and painters, Leonardo Da Vinci and Steve Jobs autobiographies, Connect builders across different centuries. Hope to keep reading a lot more just for fun.

# SKY

Limitless opportunity to build a great protection for the world.

Our earth has built its own defense mechanism against threats of the universe.

Atmosphere stops any small debris and meteors thrown around the galaxy,

Ozone absorbs harmful Solar rays.

It's a living entity, always running to keep us safe.

We are our own threats, creating destructive machines which harm us and the everything that was provided to us by Earth.

How not to destroy ourselves is a question that will stay with us forever.

The frailty of life is forgotten after a few decades of war.

We do not need another war which will bring doom to the entire world.

# FAMILY TIME

We spend our best days in pursuit of a new future.

Time spent with family and siblings live longest in our lives. Make the most memories with family.

You only get a limited amount, don't spend fighting for small inconvenience.

After a certain stage in life, we wish to have the small things that are constant .

Counting down time and worrying about the future will only destroy the current world

# OVERWRITE MEMORIES

We have to stop living in the past. We can't stay back with nostalgia and stop from doing the things and work we always wished to do.

Time to break free from the clutches of the past, there is an entire world out there.

Gotta overwrite the barriers that were holding back.

Get going ahead, make everyday progress.

Code everyday for 365 days, in a year life will change in leaps and bounds .

# UPHILL

When your creating anything for the first time,  
It will be against the status quo. Many will be worried about the lose of their status and income flow. They dissuade in the form of negative criticism and theorizing the problem to be useless and not required.

Make sure that guiding star is the people who are your actual target audience, ignore the naysayers and keep building ahead.

It will be an uphill struggle everyday till you reach the mountain top after that you need to maintain the top position. You will reap the benefits in monetary and/or knowledge and experience in solving the problem.

Dont give up, don't die. Everything that you wish, is on the other side of the mountain. You have to climb each step.

The regrets of not doing is painful than failures. The road not taken will haunt more than the falls and broken roads.



# SYSTEM UPGRADE

To achieve anything, complete dedication and focus on the goal for 1 year is mandatory.

You have to stop distractions and procrastination on important work to make significant progress.

Bumbling around without focus and depth in the work will cause problems in the journey. You should be able to handle all the twists and turns accompanied with any major undertaking.

Break the habits holding back your potential. Reduce your focus on the external world, start to look inside and concentrate on one's everyday tasks. How is one spending the hours of day ? What are the problems faced and solved over the course of the day.

What new experiments did one undertake to get ahead from yesterday? Go back to the books, read, practice and write the foundations. Skimming topics will only help for smalltalk. When you need to build your idea into product/project you should be able to work with fundamental principles.

Upgrade your system installing the software/regimen for deep work. Remove all noise/social media and long stale projects. Discard projects without immediate and long-term value, working on simultaneous ideas will split your focus and you cannot get significant outcomes from your project.

Lets start with a single clear goal, only the task associated with the goal should be prioritised. Important work should never be at the mercy of busy work.

Mars needs state of the solution, build the best product to solve a single problem.

# OVERWHELM

Improve your strain threshold everyday.

The past was like a fog, one was invisible across 3 decades.

## *Refill- life*

Need to make use of this life force .

For once, show the complete potential of your life. Dont do anything half-heartedly ,

What will define your life ?

What will be your legacy ?

Become persistent with your efforts, sit for an hour at a time.

To be the greatest of all time, you need to put the greatest effort in Work.

Stop worrying about the situations not in your control, Do what is possible and venture ahead.

# LAUGHING BUDDHA

keep the smile in any circumstance.

like the Buddha, see everything as it is.

Don't despair in agony and don't rejoice in joy.

Maintaining the balance will make life simple

# RUNNING HARD

The day before the marathon was Running everywhere.  
Making the face known to others was the main order of the day.  
Tomorrow will be a good day,  
A day of many milestones for family.

We have to keep moving inspite of difficulties.

# PREPARATION

Preparation reaps victory.

No battle was won by chance, every detail was meticulously managed to gain victory.

Build your zero sum game of time to maximum effect, we will push now to be the best.

No more pursuit of distractions.

Each step is important, details necessary to win

# REQUIEM

A new day has come.  
Some chapters have closed, new chapters have begun.  
Everything is moving ahead.  
Time to shift my gears, get into the fast lane.

We will get life into perspective to do good work.  
Become better as a person,  
You have a new responsibility to become a leading figure.

# CAMPAIGN COMPLETED

3 day Campaign successfully completed.

Month-long preparation led to maximum productivity and total win across different activities.

## *Doing and getting done*

We've been reading about great leaders, how they are competing to be ahead. Start to getting things done. No more excuses to not be at the pinnacle of life. Others have kept going inspire of difficulty and forging ahead to accomplish their dreams.

Dreams should not stay back as just another wish and increase the regrets of not accomplishing one's dreams.

Start doing small activities for your dreams each day. No holding back ones potential to leisure, entertainment and pleasure. Don't become comfortable with easy work. You have the energy and time to would your future. Get going fast, plan each day and accomplish



# EXCELLENCE

Extreme attention to detail is necessary to become Excellent in any task that you pursue.

One cannot win the race half-heartedly, without wanting to win. You should sacrifice everything for the top spot in life. This life comes only once, you cannot live like a scarecrow, blown away by the winds of fate.

Make your own destiny, show your capability and make contributions everyday. Do not skip on details, observe everything that happens around you. Make the plan to navigate the choppy waters with efficiency. Focus on one problem, learn everything to solve it. Become the expert in field of your interest. There are no second chances, keep building, keep learning.

Excellence is borne out of habit and not by chance.

# CREATION

The world is built by dreamers who plan meticulously to convert the dream into a reality and then work tirelessly every day to keep the dream alive. They do not allow naysayers and setbacks to stop from working on their plans.

Become a creator today. Make any creation everyday, your experience will build it into more expressive detail.

Fail by controlled experiments and not by inaction and undecided work. This world is up for the taking, how you see it and tame it will create wonders for you.

# START

Don't be afraid and disillusioned by starting small projects.  
Starting small and building fast will get you closer to the dream project.  
You will gain experience with every work you do,  
Just do it.  
Do not stop yourself, every project needs a sacrifice. Work relentlessly

# STRIKE HOT

Ideas keep flowing when a new opportunity presents. Create a small prototype to show its feasibility to potential users. You need to strike the idea into hot execution process. Do not let the ideas die away in bureaucracy & premature optimization.

Build away with basic tools and single workflow. Do not use the current hype technology to build your MVP, more time is lost in learning the tech than with creating the idea. Use any knowledge or toolchain that you previously used for making progress.

Your idea should start very small and then be able to build up later based on new feature and user increases. Understand that you will re-write everything after a certain point, Do not let perfection come in the way of delivery.

You do not build a large fortress, start with a small wall, You need to validate that your writing/building at the right place for the right people. No idea is small. All the great inventions was started as a small idea and demo.

# DEBT - A SCENARIO

Debt and poverty are the mind killers.

You are always on the back foot, trying to survive each day.

Then a decade of fighting passes and you realize you've lost more than just time. Opportunity to work on long term goals vanished.

Guard your goals intensively against the flickers of fate.

Vanish for 5 years, build your army and conquer the world. You cannot win an open war. Choose your battle wisely, not every thing has to be fought and won. Don't get into prestige battles, they will destroy you faster than anything in the world since there is no result than falling into the trap of the wise general.

# PATH TO CYBERSECURITY

Cryptography - calculus and algebra for security verification

Red-teams in AI models - statistics / clustering queries. IP/geometric based access

Security Audit and Hardening- identify, analyse and improve security of Networks.

Open Source Tools usage and development-  
Shodan , wireshark, ghidra

Competition/ Conference:  
Defcon USA

Capture the flag - Team based attacker and defender for software security.

## Reference

- krebsonsecurity blog
- Digital fortress - Dan brown
- Children of time series
- Google Zero Day blog
- Stuxnet
- Air gapped computers

# WASTED WORRY

Do not lose your present for unknown dangers.

Take your current situation and improve it slowly.

Do not worry about unwanted problems that may occur and go into a doom spiral of stress and anxiety.

Save for a rainy day, maintain good relations with your close family and friends. Health is the ultimate denomination in the longest run.

Guard your health and become strong in spirit, body and mind.

Like exercise is good for the body, problem solving is good for the mind and gratitude is good for the spirit. We have enough for living happy and safe in this existence.

Implement and design new ideas into simple inventions, you can solve world hunger by starting to make your own food and growing simple vegetables at home. Become self-sufficient in your needs and consumption.

# ESCAPE VELOCITY

There is no secret path, you have to learn everything yourself. Wherever you are, start now and continue demonstrating the idea. Only momentum can move the proverbial mountain, get going in anyway.

You can build Rome, it will require everyday dedication. Escape velocity to reach Stars needs constant acceleration every second ,continue your quest today.

Run a million experiments to be able to lift off to Mars,



# SECOND CHANCE

No second chance is available when trust is broken with others.

You create second chance with your own life, make the necessary corrections.

This life is abundant, create your own magic. Its alright if only you see the magic,

Everybody need not be mesmerised, slowly build your empire. Build it in public, do not

speak about it to everyone. When you do good work, you will attract people to contribute

more. Do not beg for the shoes to Run, Run so hard that shoes will be presented at your

doorstep. If you currently lack opportunities, its because you were not deliberate in life.

Change your worldview, become extremely vigilant of your life and surrounding. Choose the

topmost competition and solve it everyday. The stream of oppportunities will trickle

down your path, you must make yourself worthy of greatness by hardwork.

Luck is created

every single day, In 3 years your life will either become terrific or terrible.

Terrific

if you fight against entropy and be at the top of your game. Terrible if you do nothing and

just live an idle existence.

Keeping the streak alive without external validation is difficult and necessary to grow

your idea. Do not give up, The great wonders of the world started with an idea and

completed with relentless pursuit of excellence. Convert your idea into reality,  
each day you will be ahead.

# REALITY CHECK

When your flying due to compliments of people.  
Reality becomes a bitter pill to swallow. The castles are knocked down immediately as they were built recently on light information.

Do not hate your current circumstance, appreciate the good that has happened and be grateful to have gotten the opportunity to live a better life. Expecting 100% positive outcomes is a recipe for disaster, most times you will face difficulty and problems each day.

Overcome your situation, think calmly and with long term focus. This life is not all doom and gloom, there is a new sunrise each morning after a night of darkness.

# SELF-IDENTITY/ AWARENESS

Your identity should be guarded against mistakes. By diligent work, you should project a sense of calm, responsibility and future planning.

Current identity has become a tangles mess due to constant mistakes and excuses given to others. Rebuild your identity in stealth, showcase your interest and dedication at the topmost level.

Never give up.

Take a strategic retreat, come back stronger. Nothing is lost permanently, build each day.

# ALIVE - ENERGY

Today is important day. We have a life ahead to experience, enjoy and grow to the maximum extent.

Calm your mind, you have the same amount of time given to everyone else. Like the successful people concentrate your efforts on 1 single activity. Do not disturb your focus with low hanging efforts.

The path to Mars is perilous and uncertain every millisecond, every millimeter. Your work will be tested in extreme detail, make it battle hardened.

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## *One Day*

One day King.

Make the most of current situation. Earn more in euros, utilise the time saved in commute.

Participate in competitions and reach top positions. Take absolute care of body and mind.

Read long books, ignore gossip. Work on things inside your sphere of control.

What ever has happened cannot be changed, what comes next should be changed. Be the best form of yourself. Do things right the first time, study everyday. Education is a life long process, absorb the right knowledge.

# DEPARTURE BLUES

Living away from family for an extended period hurts the soul. One becomes cold hearted to resist and avoid the pains of loneliness.

Long Life ?

If I knew I would be going to live this long, I would have taken better care of myself - Anon

failed at every instance of life, can no longer afford to make repeated mistakes. Get on the bandwagon, we are in for the long ride, prepare for the journey every day.

Imagine you'll live for a 100 years. How would your everyday existence look like ?

Damaged teeth, weak heart, stupid brain, sore joints. Do you want to inherit above medical complications by continuing your current lifestyle. Or do you want to have strong teeth, stress free heart, flexible joints and a functioning brain at 40, 60, 80?

Do you want to suffer in eternity during old age or do you want to lead a strong and healthy life. Choose and follow your path today. Enough is enough, do not neglect anything anymore. Take the world by the horns and move fast.

Privileged Life

Our life is better than 95% of human existing in current lifetime. Many are born in war torn areas and dont get to live even their complete youth

MAY

*thoughts from May*



# JARVIS

Build Jarvis tracker, from your own data finetune Mixtral model and track your life goals.

Everyday the system should help to train to reach your milestones.

Check everyday tasks,

Suggest improvements or alternatives to daily workout.

Calculate progress and show highlights in dashboard.

Don't miss the wave of LLM,

Your experiments on ML have put you in a driving seat to lead the next set of Applications. Do not miss the wave due to inaction, take the risk and work hard.

Bring solution and sell your product . Put 4 hours each day to make progress,

Create blog, tutorials and dev tools to gain cutting edge experience.

Become a consultant to help companies train, tune and deploy their own models.

# JOY OF CREATION

Live with joy

Whatever you do, do it with joy

Joy of creation is important for long term contentment, Create your own contraptions, do it just for fun. Make crazy designs and have fun creating something new.

The necessity of likes and reviews have destroyed hobby creation. Just be present today.

You can get more out of life and be receptive by just slowing down your senses. Go to a park and sit in a shade, drop the entire need to accomplish even a single task. Dont try to create memory and record any events, just be here.

We have lost the art of being joyful for zero price.

Not every event has to be in a ambient place.

# EGO - ADVENTURE

Your ego wants to you continue the current path. It avoids any kind of risk taking adventure.

To maintain a sense of status, we don't take risks. We do not want to be labelled as a failure.

Build out your idea into a real item, start with a plan. Make time for it over the weekend.

This life should not become a unused movie reel, where nothing significant was captured due to lack of urgency and application.

Everything you imagine is possible, choose one path and work towards it. Atleast utilize 3 months of your idle time into creating the project. The time spent for entertainment should be converted into hobby project.

Don't let your ego put you into a false sense of security. Equip yourself with skills to last 8 decades, where each decade you have a competition advantage over your peers. Learn every year, build up skills and expertise to be at the leading edge. Don't fall behind, keep the sail stay, don't rock the bottom every time. Choose the currents wisely

# HIGHWAY OF LIFE

3 decades of travel across NH4 shows the progress the state and country had made.

Barring the construction period which had lots of growing pain, now the roads are a breeze.

With a well maintained car, 400 km of distance is possible in 5 hours.

Earlier it would take 7 hours for the same journey to travel.

The number of journeyman has increased 5 fold over the decades, helping more people in the journey of life. Some travel for vacation, some for work, some just walking around, some in search of a new adventure.

How much has life progressed can be mapped across the buildings created with new opportunities for many people, road construction has given opportunity for thousands with daily work.

It gives hope to everyone to make a start. It doesn't have to start as a million dollar enterprise.

Many stop at starting stage, we underestimate value creation of a long term enterprise. Time would pass and we end up regrets of not starting early.

Wherever you are, begin with anything. Persistence and quality is the metric that defines the success of the enterprise. Build your idea into the open, you will find collaborators to make the idea into life.

# INFINITE TIME CURSE

Procrastination dooms every plan of making dreams into reality.

We consider that tomorrow we will do the work and the right time just disappears. The battle of the day is lost, doing it tomorrow makes it a different battle.

Now you've seen with your own experience how decisions affect future opportunities. Certain avenues is impossible to happen for you, since you did not gather the skills and experience.

Do not despair with regret when nothing works in your favor. Luck is what happens when you rigorously strive with good work, the more chances you make and take , the better the chances of you winning.

There is no infinite time for anyone, you have to extremely driven in every aspect of your life to make a dent in the fabric of human existence. The excuses you make, closes all the future doors, opportunities will bypass you for a more dedicated person.

State your intention with life. Make the necessary changes with everyday habits. Dont expect that golden flow would just happen with choosen decisions. Your each decision in a fixed direction will take you to the ultimate destination. With having a direction, it just becoes a meaningless wandering taking your only downwards to a dark pit. Articulate your plans into simple doable tasks, it will show results in the 3rd month, you've given up after a month or two.

- Health
- 5 days of workout on weekdays
- Cut of processed sugar drinks and sweets
- Switch to fruits and home cooked food and avoid ultra processed food

- Profession
  - Everyday updates on progress
  - Understand the whole picture and be present to finish the work.
- 
- Gaganyatri
  - Work on the Mars Habitat system
  - Build software and hardware prototype
  - Avoid entertainment with binge serial watching
  - create the Sci fi novel, plot the protagonist story. Make the paper storyboards, use the spaces at home to iterate
- 
- Family
  - Daily communication
  - Online logistics for item procurement
  - Opportunity creation and pain avoidance

# REST

Take a break On the difficult days, when your exhausted due to non-work.  
Do not stop what you were doing previously and accomplishing towards the goal.

Better to rest and recharge, than to break habits.

This life is precious and a long journey.

Some distances you will repeat , some distance will be clear and you will go fast, some distances will be foggy and you have to be clear.

The world is building amazing items, pushing the boundaries of science and making science-fiction a reality. Do your work with intensity and ferocity of a creator whose breathe depends on the quality of work. Make your ideas into reality.

Its possible, many have done it. Total focus and consistence are the ingredients, Are you ready to Win again.

Lets start the race again.

# NORTH STAR

Set a high standard of excellence as your personal benchmark,  
Your everyday activity should include atleast 50% as high value work. The days will fly past if the benchmark is not validated every single day.

Set a target for the day, make detailed plans and execute the tasks with high priority. Each day spend time learning to solve problems. Avoid postponing important work, you'll end up with sub par work with deadline looming and have to make difficult trade-offs.

Never compromise on your ideals, not to impress others but to avoid failure from negligence.



# BURN IT DOWN

Make your life as sharp as the tip of the spear.

There is no holding back of your internal power, put everything into your dreams.

Dont let life bog you down, you are part of stardust, shine brightly till the last atom.

The world belongs to the doers and the dreamers. Do it now, make your daily contribution. You will not know anything at the start, become a good student and learn everything that is available for you. Study and execute, study and execute, every master started as an apprentice. Make your goals visible.

Stay in the light always, banish the dark to the end of the world.

Stop complaining about problems, find the most immediate solution and move on. This life is short, to harp on the past and miss out the present.

Ambition should be carried on your shoulder everyday with curiosity, you will attract like minded people with enthusiasm in everyday activity.

Become an opportunity creator, do the work each day with focused detail.

Rocket science is possible, you only need to look for it.

# CONNECTIONS

Maintain healthy relations with family and close friends,  
Its an uncertain world, We will regret speaking out against others in a fit of  
anger.

It comes down to being secure in your world, do the right work. When you  
lead a good life, you can rest easy with a peace of mind.

# STATIC

The fear of static electric discharge is causing unwanted trauma. Embrace the minor discomfort.

It will not kill you, increase your pain threshold with mental conditioning. Change your attitude towards minor inconveniences. You have to overcome the maze and sort your path ahead. Find a problem, analyze it, solve it and proceed to the next phase.

The one with infinite patience and perserverance will be able to accomplish impossible targets, since they keep knocking down the obstacles in the immediate vicinity.

You have everything to lead a happy and content life. Do not lost the clarity of you today, by comparing with the outcome of somebody else.

Your own progress is enough as the benchmark for a happy co-existence.

# THE CALL FOR MARS

Choose the hardest problem of your lifetime. What can be solved by interest and focus to make/create solutions for the problem. Large problems are not solved with 1 solution, but by thousands of decisions taken each day towards the milestone.

Moon is the closest extra-terrestrial location for Human, few men have already stepped foot on Mars 50 years ago. Mars is the second closed destination for extra-terrestrial travel. The challenges are daunting, we are landing robots on the surface of Mars. Mars now awaits the first set of Human explorers. The explorers will be few, but they will be supported by millions of workers to keep them alive every second.

Understand the requirements and build prototypes, making daily progress is under-appreciated. You will achieve a lot on 3 month of consistent daily work, compounding on gains with your self-improvement brings exponential gain. Your life is not a zero-sum game, You will make progress, which become prescient in 6 months. Do not give up doing simple important work.

Mars is difficult, but possible to explore in this lifetime. Nobody will gift you a ticket, you will have to build your own vehicle. It's not about the shoes, It is always about you, Make it happen today. Stick to your goals.

# BREAK

A long time away from your ideals,  
Will make the progress done vanish.

Tell yourself that you will make it happen,  
You want to win, Visualize the winning moment.

Do not break, Keep continuing what is necessary.  
Hold yourself to good ideals,  
Have one goal and make it work.

# SMILE

Life is too short to hold oneself back due to the past. We all have a very long life ahead, it's up to us to make it colorful with our pencils.

I barely know how your day is spent. I just hope to see the smile, I hope that you're not holding yourself back from achieving all the goals and dreams you wished for.

Wherever life takes us, remember someone would see the smile from a long way. Keep spreading the smile and sunshine Wherever you are

# HOPE

The world is a beautiful place, there is hope to build a new world in our small universe.

Make choices to be/live in a simple world. Take less and give more, contentment will go a long way in the world.

Do not spoil and do not waste, Preserve and create the natural beauty of the world.

The flowers are blooming again, the smile and cheer is back amongst the crowd.

Live out a while in the warm sunshine, breathe the fresh air, drink cool water and eat fresh fruits.

Live simple, dream of the future and work for the present with high conviction and integrity.

You write because it clears the worry of the mind, it makes you happy, it helps to orient your actions towards can solve it and not in my control. we are not writing for validation. Future readers will not set the direction of my hobby.

# LEARN

I used to stop myself from starting simple projects, because my professional experience displayed false status and that I should only attempt moon-shots. My trick is to start with a pseudonym, there is no inherent baggage and status to carry. You can make mistakes like a beginner and sky will not crash.

Creativity and curiosity is suppressed with increase in prestige. This is the only life we get, create the hobby anew.

The more you experiment, the better the fun. Never stop learning, the only person stopping you is your own ego. Accelerate your ideas with alternate persona.

Learn again with the tools you missed in previous attempts.



# TODAY

Win today for a better tomorrow.

You have to build the momentum, start today again if the previous streaks were broken.

Today is a really good day to make your mark in the world. Turn up to your task, make the necessary work without skipping and providing excuses.

The work of a master is built with constant learning and experiments, become an apprentice and learn with humility, make discoveries with constant questions to improve your craft.

Find collaborators on your path, show your interest and curiosity with persistence and dedication.

Complete all your assigned tasks. Don't fall down in trust order with excuses and lies. Hold yourself to the highest standard and set your personal records.

Today is the outcome of the prayers of the past.

Now that the old prayers are answered, make effort for the new prayers to come true. Your future is in your own body and mind, make the outcome you desire.

Start to build with your hands in the physical world, far too long you've been re entrenched in the digital cell. Make organic and long lasting designs based products.

# SOURCE

Build your source of truth, read conflicts from both sides.  
How will the world look in 1 year/3 years and 10 years.

What current problems will be solved/can be solved by the advantages in technology. What new problems will surface with technology and its by-products.

What is the magic path towards your dreams,  
What paths should be emphatically avoided ?  
What avenues need to be closed to stop repeating past mistakes?

Make way for new opportunities with persistence.

# THE SHAKEUP

Overload of caffeine without food intake brings a heightened sense of activity to the brain. Dont take too much caffeine in a day.

Today was 4 cups of coffee & 3 cans of Redbull. The heart becomes restless making the head spin out, your max limit is 3 cups of coffee in the day.

Your context switching & FOMO will derail the progress. solve only 1 problem in a day. Do not stretch yourself thin, you will not make lasting progress.

Finish the task you are hired for & 1 extra project as a hobby. You will accomplish more with gradual progress, dont lose your progress with procrastination and doom scrolling.

You are losing out the daily progress by switching your mind off at the end of the day. Stick to your goal, the path is a loop. You have to process the changes and include it in your life.

# WHAT NEXT ?

Each day, This questions torments us.

People go mad, thinking about it for themselves and for their future generattions.

Plan something for tomorrow, if you keep making progress for today,  
Tomorrow will get better as you keep at it.

The world will not turn upside down, unless you march ahead everyday.

# NEXT ROUND - LAP 32/X

Next round has started involuntarily, short-term failure and stop-gaps are making terrible outcomes in the game of life.

The scoreline has started to dip down again, entropy with action is making the highest damage.

SpaceX has completed 50 Falcon9 launches in the last 135 days/since beginning of 2024.

You should make atleast 50 commits worth of improvments & research per week in your work, hobby and startup.

Follow the leader of the pack, maintain and accelerate the pace of development. You have access to a Super-computer, build your best program and run them to get better results. You are provided with the opportunity of the lifetime, make changes to achieve progress in all phase of life.

# BEING HAPPY

What will it take to be happy in this world ?

Why has envy pervaded in every form of existence ?

Food, transport, health, body has now become a battleground of comparison & path to depression.

Many have lost the game of life, by purposefully ignoring the good things in life. Gratitude has gone down the drain.

Wellbeing is personal & thankfully not measurable. Build your own reserve of peace, lead a life of contentment.

No need to showcase your wealth to all and sundry. It's ok to not do anything, don't offend yourself with the talks of others.

Each of us has one simple journey, Be happy, this life has been good.

Gratitude Journal is a component for peace. You have to learn to become grateful everyday in life. We take many items for granted & expect the world to be better for us.

# SCHEDULE

Work on the long term project, prioritize your focus. Say no to distractions and remember the ideas you said no.

Develop a schedule to make your goals succeed, do not lose your potential by shifting goals constantly.

The payment will come due anytime, do not run away from responsibilities.

# SHIP - SPACE TRAVEL

21st century and beyond the exploration will flourish in the discovery and settlement of planets.

We start with Mars, with the Moon as a layover for staging.

## *Product*

ETutor - Setup course curriculum by simple prompt.

Help to learn subject by practice and repetition.

Habit tracker with Gamification. Dynamically create code for new tasks based on current progress and knowledge model.

Building a product to sell ?

What do people want ?

How do we give it in stages ?

Why should they use it?



# WAKE UP

Improve your opportunity cost. With focus increase your skills to a better tomorrow.

You've all the tools to build a great product .

Finish the idea into a product. You cannot push things into the future forever.

The pile of excuses keep growing into a mountain heaps every year.  
Maybe this year, skip the excuses. Build something simple that works

# RESTART

You fall down, You pick yourself up again.

The more effort you put now, when you have the energy and opportunity

The less hard it will be in later times, this year will be the last chance to make amends for the last 5 years.

The world is going through a new wave of change, ride the early waves.

Do not be hit by the wave, you can do it now.

Do not be afraid of taking the risk, Not going against the comfort zone will make it uncomfortable very soon.

# A NEW HOPE

The news of ExoMars revival brings music to the ears. There was a conflict of passion and work, where will this lead to.

How will my work get into Mars within 6 months.

Build the entire Open Source equivalent of ExoMars with simulations and experiments. Build required skills for Operations of ExoMars autonomously.

The path is open now, everyday push for the best outcome for ExoMars. There are no boundaries, anything you build will make progress for the project. Start with resources, make a dedicated page to showcase its capabilities.

# 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