



# GSoC & Career in Tech

- Harshit Kedia



# Agenda

1. About me
2. Different paths for career in tech
3. What to do in college?
4. Why I recommend Frontend?
5. About GSoC & open source
6. About jobs in tech



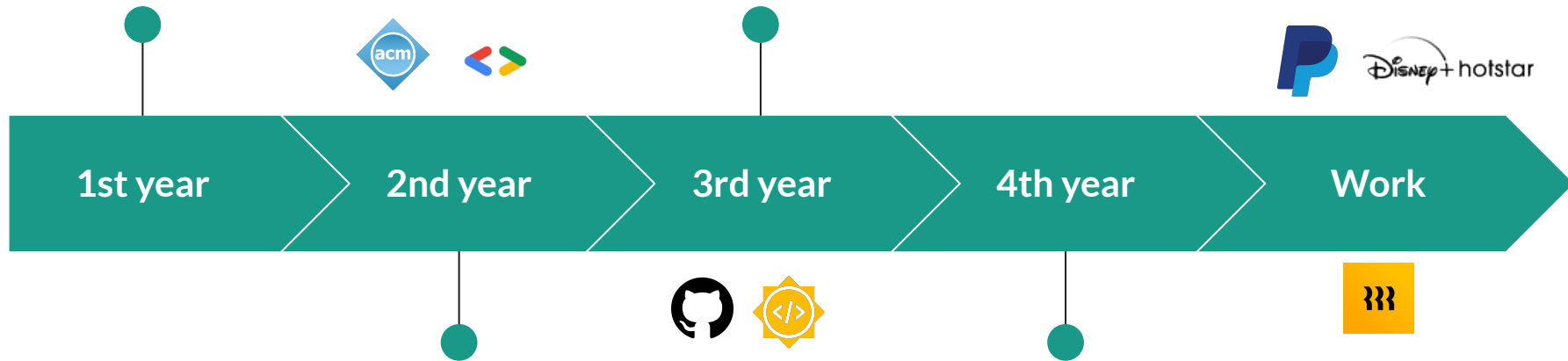
# Hello!

- Frontend Developer at Rippling
- Previously worked at Hotstar, PayPal
- VIT Vellore 2019 graduate
- GSoC'19 mentor
- GSoC'18 student

 [@hkedia321](https://github.com/hkedia321)

Competitive coding

GSoC & Open Source  
Placement preparation



Web development  
Chapters - ACM, DSC

??

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**Chase Excellence...**

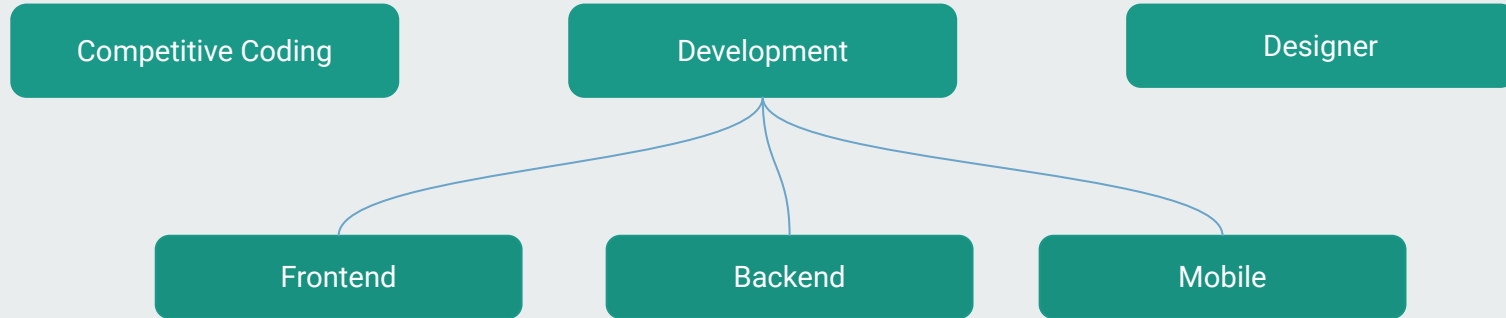
**...Success will follow**



# What to do in college?

- Academics is important
- Invest in fitness
- Join a club / chapter
- Find a role-model / mentor
- Delayed gratification (don't waste time)
- Be a minipreneur
- Contribute to open source

# Different Paths



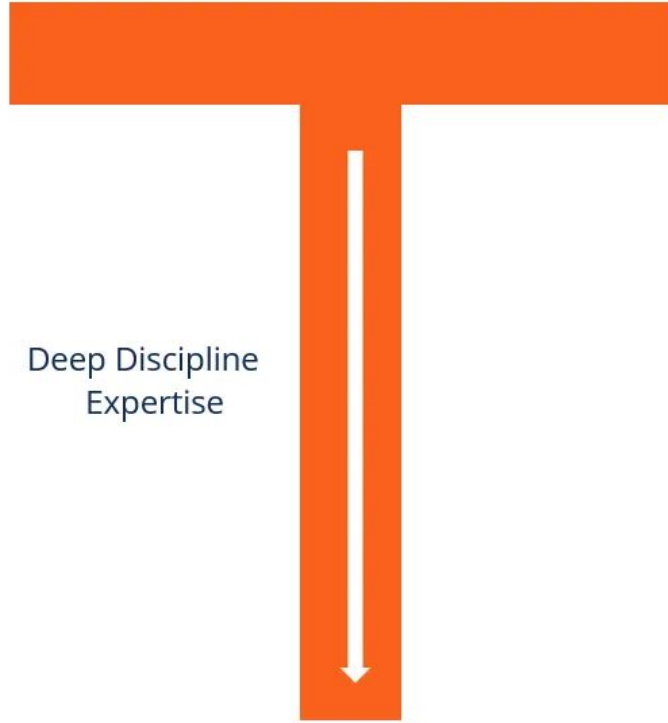
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# Which Path is best?

If you are in tech, you'd do great!



Cross-Discipline Expertise



Deep Discipline  
Expertise

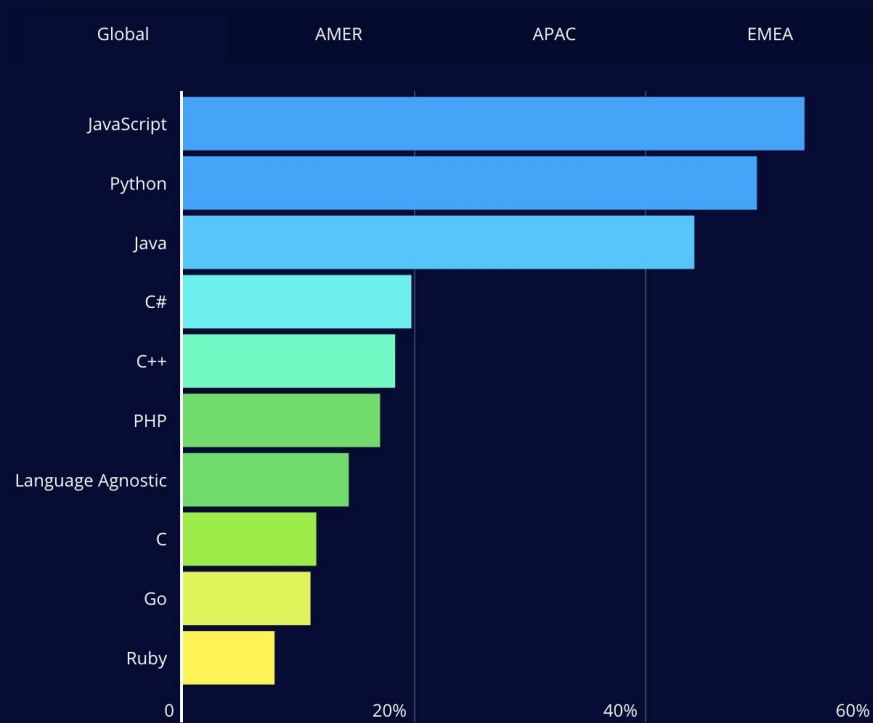
T-Shaped Skills



# Why Frontend?

- Its not easy
- Everything is getting built on web
- Not enough supply of experienced web/mobile developers
- \$\$

# What language skills do you look for when hiring developers?





# What is GSoC?



What is Google  
Summer of Code?

The banner features a dark teal background with a starry space theme. In the top right corner is a yellow sun-like icon containing a code symbol (</>). In the bottom right corner is a white silhouette of a rocket ship. The text 'What is Google Summer of Code?' is centered in a white, bold, sans-serif font.

Google

FOSS  
asia

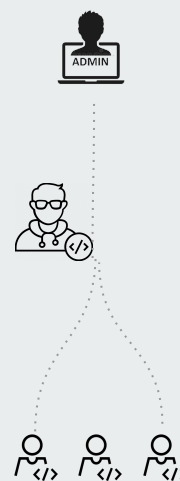
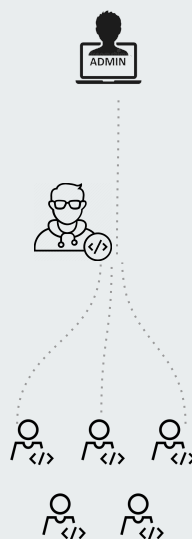
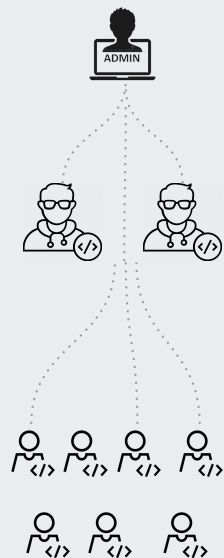


200 orgs more...

Admins

Mentors

1200 student...





## How to start your journey?

foss  
asia



# 1. Learn Git & Github



Version Control System for your code

## 2. Pick a Tech Stack

SQL

Node

Java

Python

Backend

React

Javascript

CSS

HTML

Web

React Native

Kotlin

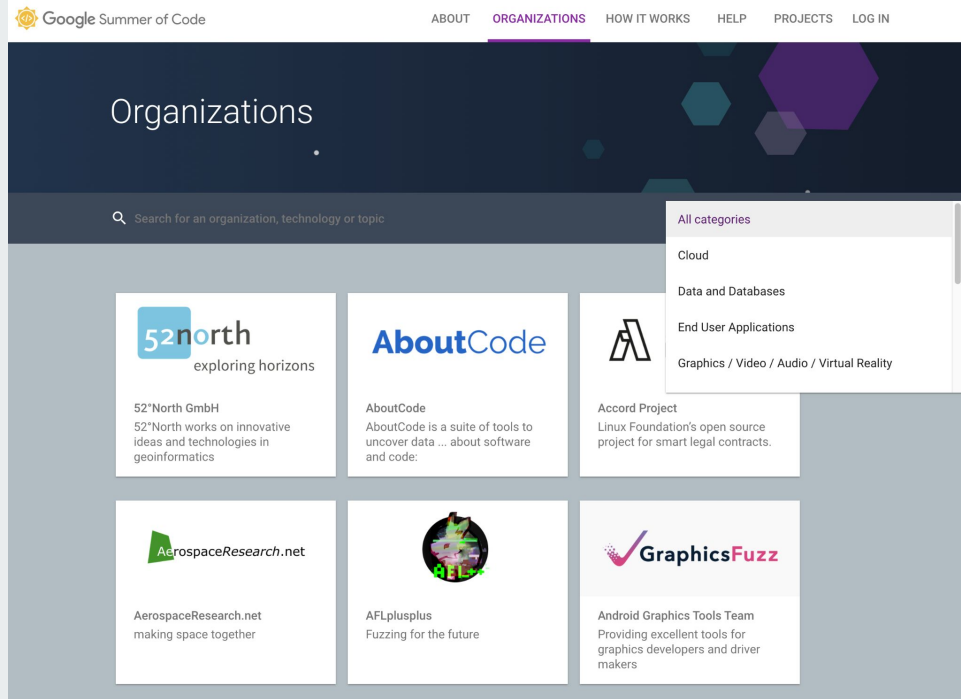
Java

Mobile



### 3. Shortlist Projects

Projects that you can contribute to comfortably



The screenshot shows the 'Organizations' page on the Google Summer of Code website. The header includes the Google Summer of Code logo and navigation links: ABOUT, ORGANIZATIONS (highlighted), HOW IT WORKS, HELP, PROJECTS, and LOG IN. The main heading is 'Organizations'. Below it is a search bar with the placeholder text 'Search for an organization, technology or topic'. A dropdown menu is open on the right, showing 'All categories' with a list of categories: Cloud, Data and Databases, End User Applications, and Graphics / Video / Audio / Virtual Reality. The main content area displays six organization cards in a 2x3 grid:

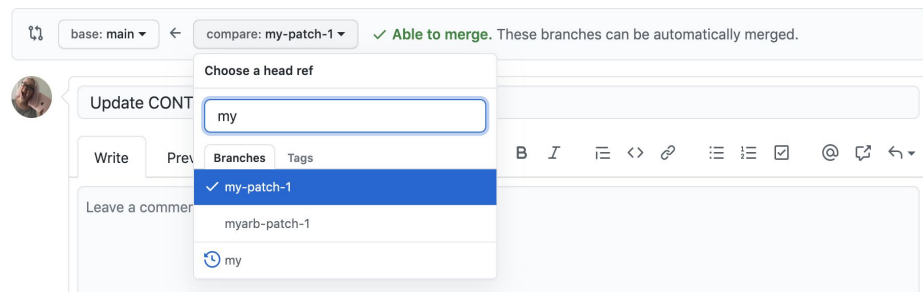
- 52°north**: exploring horizons. 52°North GmbH. 52°North works on innovative ideas and technologies in geoinformatics.
- AboutCode**: AboutCode is a suite of tools to uncover data ... about software and code.
- Accord Project**: Linux Foundation's open source project for smart legal contracts.
- AerospaceResearch.net**: making space together.
- AFLplusplus**: Fuzzing for the future.
- GraphicsFuzz**: Android Graphics Tools Team. Providing excellent tools for graphics developers and driver makers.

4.

```
while(time <= deadline)
{
    contribute.repeat();
}
```

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



- > Contribute bug fixes / new features
- > Build your value
- > Get noticed by maintainers



## How can you contribute?

Fix Typos

Report bugs

Documentation

Suggest Ideas

Fix bugs

Review Code



## 5. Make GSoC Proposal

### — Google Summer of Code 201...

#### Improve and create SUSI bots

Overview

Project Goals

Project Implementation

Timeline

About Me

Other Open-Source Projects

My Commitments

Do you have any other co...

Do you have plans to have ...

My Motivation

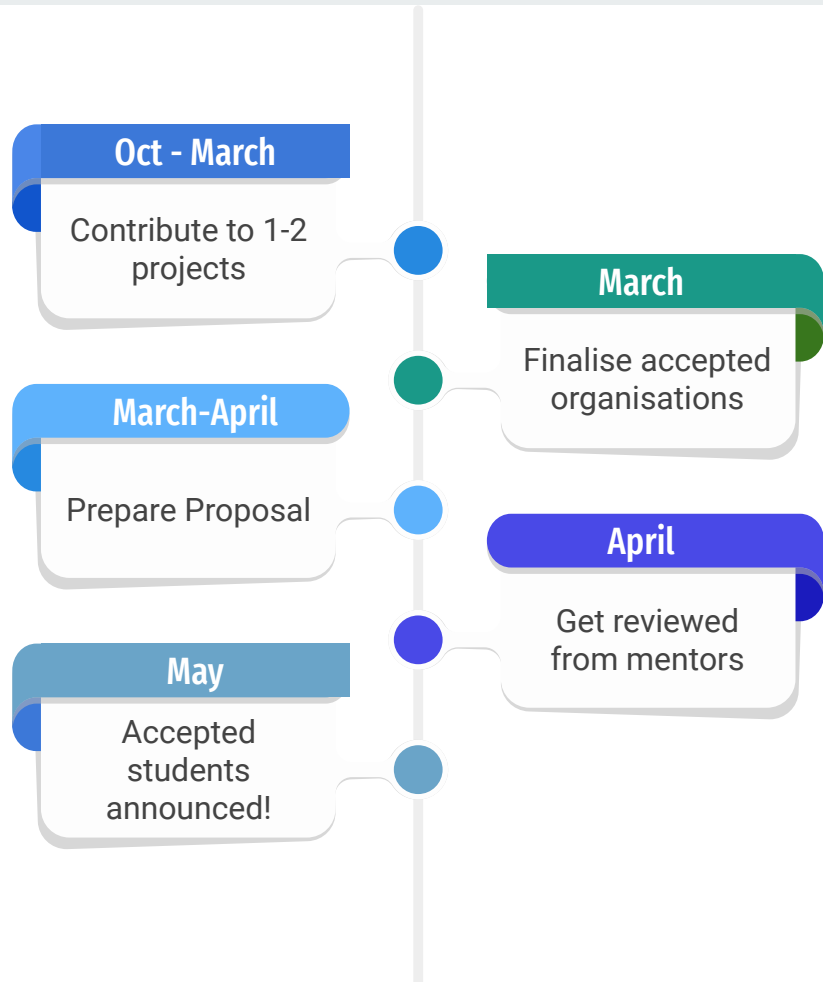
Why am I interested in wor...


Would this application con...

How do I intend to continu...



# Timeline





# How much contributions is enough?

- No fixed number of contributions
- Make a good impression on your mentors
- Ask doubts to your mentors
- Interact in public channels, be visible

# Why GSoC?

- Learn best code practices
- Brand Value
- Network
- Referral at Google
- 1400 USD :D





# MNCs or Startups?

- Don't be obsessed with brand names
- Startups teaches and pays well!
- Find your sweet spot





## ...Remember

- Pick a path, and dive deep into it.
- Participate in hackathons, meetups
- Find a role-model / mentor
- Find a club
- Be a minipreneur
- Keep contributing regularly in your chosen project

VIT hai toh mumkin hai  
;)

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