

VIVEK NATHANI

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EDUCATION

Symbiosis Institute Of Technology
B.Tech in Information Technology

2019-2023
Pune, India

EXPERIENCE

Software Engineer Intern
Investmint

June - July 2022

- Responsible for building an API based trading feature with brokers like Kite (Zerodha) and Dhan.
- Built APIs for managing user subscriptions.
- Used technologies like Node.js, PostgreSQL, Redis, and Render.

Full Stack Developer Intern
Iris Aviation - flyi.in

November - December 2021

- Responsible for digitizing their business by building a web application for their needs.
- Worked on technologies like React, Firebase, and Digital Ocean.

PROJECTS

scrawl - A block based editor
Using Node.js, TypeScript, PostgreSQL, Redis

[GitHub](#)

- Responsible for writing the backend.
- Implemented authentication using JSON Web Tokens and Redis.
- Implemented 2 more services and exposed all of them through a documented API.

assignexpert - Host and grade programming assignments in colleges
Using Node.js, TypeScript, PostgreSQL, Redis

[GitHub](#)

- Implemented the code execution service with support for C, C++, Java, and Python
- Used bullmq to run background tasks.
- Implemented CI/CD workflows to lint, build and test.

OPEN SOURCE

Some notable open source contributions

- Wrote tests at google/go-github ([Merged PR](#)).
- Implemented a feature at google/go-github ([Merged PR](#)).
- Implemented Kruskal's algorithm at TheAlgorithms/Go ([Merged PR](#)).

ACHIEVEMENTS AND OTHER ACTIVITIES

- Finished at 3rd Position in college with my team in Google Hash Code 2021 with 1,154,975 points.
- Blogging about my technical experiences and interests over [here](#).

SKILLS

Languages	C++, JavaScript (primarily Node.js), Go
Tools	Git, Linux, GitHub Actions, MySQL, PostgreSQL, MongoDB