VIVEK NATHANI

+91 9106581560 ◇ viveknathani2402@gmail.com ◇ <u>GitHub</u> ◇ <u>LinkedIn</u>

EDUCATION

Symbiosis Institute Of Technology   2019-2023
B.Tech in Information Technology   *Pune, India*

EXPERIENCE

Founding Engineer   August 2024 - Present
Mars Computers

· Working on making powerful compute accessible everywhere.
· Using Rust and Go.

Software Engineer   July 2023 - April 2024
Investmint

· Built the entire backend for having an in-app broking experience on top of an existing broker. Integrated their APIs into our ecosystem and securely exposed the data for our product. 12000+ orders were processed through this layer inside our app.
· Integrated Razorpay for putting the in-app broking layer behind a paywall.
· Built the news feed that sends the latest updates for all the companies who have their stocks listed on NSE. 70000+ news items were processed using OpenAI's models and 8000+ orders were placed because of these news items.
· Built the portfolio connecting feature that lets you import your portfolio from 10+ brokers in India and get detailed analysis on top of it. 16000+ portfolios were connected via this layer.
· Built inves-broker - A heavily used internal library written in Node.js for interacting with multiple broker APIs in the Indian stock market. The launch of this project led to a 96% increase in in-app orders.
· Technologies used: Node.js, PostgreSQL, Redis, Docker, MongoDB, and AWS.

Software Engineer Intern   June - July 2022, December 2022 - June 2023
Investmint

· Implemented the REST APIs for displaying data of Indian stocks inside the app. Asynchronous jobs were implemented to process data of 2000+ stocks every day.
· Was the single person of contact for experimenting with API based trading in the early days via Zerodha and Dhan which eventually led to the inves-broker project.
· Used technologies like Node.js, PostgreSQL, Redis, and Render.

PROJECTS

teachyourselfmath - A math PDF extraction engine.   <u>Live website</u>
Using Node.js, TypeScript, PostgreSQL,Redis

· Implemented an engine that takes LaTeX outputs of a PDF from an AI model, extracts the relevant math problems, and stores them in a database.
· Posted about this on Hacker News (<u>link</u>) - This led to 300+ upvotes and made it to the front page in the top 10 list.

SKILLS

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