

VIVEK NATHANI

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EDUCATION

Symbiosis Institute Of Technology <i>B.Tech in Information Technology</i>	2019-2023 Pune, India
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EXPERIENCE

Software Engineer - II <i>AI Growth Private Limited</i>	September 2025 - Present
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- Building a new app for the Indian stock market, taking care of all the backend and systems work
- Maintaining 3 services - core API, a realtime websocket layer, and a job scheduling system
- Technologies used: Node.js, Go, PostgreSQL, Redis, Docker

Cofounder, CTO <i>Mars Computers</i>	July 2024 - August 2025
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- We're building powerful remote desktops for creative professionals, using our fast, in-house video streaming pipeline written in Rust and APIs in Go.
- We raised capital from WTFund - India's premier non-dilutive grant fund for emerging entrepreneurs.
- Built our own in-house low-latency video streaming pipeline (better than RDP and alike, short of 2 frames by Parsec) in Rust.

Software Engineer <i>Investmint</i>	July 2023 - April 2024
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- 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 <i>Investmint</i>	June - July 2022, December 2022 - June 2023
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- 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.

SKILLS

Languages	JavaScript, Go, Rust
Tools	Git, Linux, GitHub Actions, MySQL, PostgreSQL, MongoDB, AWS