

# Sahil Pabale

Backend Engineer

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## SUMMARY

With over three years of dedicated experience in Backend Development, I specialize in creating Scalable and Robust Systems. In addition to crafting APIs, I also excel in creating widely used dev tools such as SDKs and CLIs. I have a passion for participating in hackathons and have achieved multiple Global Wins. Furthermore, I've successfully crowdfunded some of my Solana Dev Tooling projects post hackathons. Currently I am working on implementing some significant whitepapers in distributed systems as side projects.

## TECHNICAL SKILLS

**Languages and Technologies:** Rust, Typescript, Node.js, Anchor, Solana, PostgreSQL, MongoDB, REST, GraphQL, gRPC, Java, Git, Docker, Nginx, DevOps, AWS

## EXPERIENCE

### Backend Engineer

Sept 2023 - April 2024

*Cubik*

*Bengaluru, India*

- Optimised the backend systems to reduce the latency of the client-facing API by 1.5x and multi-platform testing.
- Built the SDK for the Solana Program with contract improvements
- Worked on a scalable solution to handle 1000s of transactions/day
- Technology used: Rust, Typescript, Node.js, Anchor, Solana, Docker

### Backend Engineer

Aug 2022 - Nov 2022

*Airbound*

*Bengaluru, India*

- Built an infra system in rust to manage the drones remotely
- Helped in to port a C++ based automation library in rust for internal use
- Technology used: Rust, Typescript, Node.js, AWS, PX4

### Backend Engineer

June 2022 - Aug 2022

*Investmint*

*Bengaluru, India*

- Built an heavily used internal SDK written in Node.js for interacting with multiple brokers in the stock market.
- Worked on optimising the order placing API by 2x to reduce latency on client side.
- Technology used: Express, Nest.js, Typescript, Docker, PostgreSQL, Java, AWS.

### Backend Engineer Intern

Sep 2021 - Dec 2021

*Career Leap*

*Bengaluru, India*

- Migrating data from Firestore to MongoDB.
- Built an Notification Engine using Realms and FCM based on events and data triggers.
- Created Firebase Functions APIs and integrated with the Client.
- Technology used: Node.js, Express, Typescript, Vitest, MongoDB Atlas & Realm, Docker.

## EDUCATION

### VESIT (University of Mumbai) - 8.5 CGPA

Mumbai, India

*B. Tech., Information Technology*

*2021 - 2024*

### Dr. D. Y. Patil University, Nerul - 96.2%

Mumbai, India

*Diploma, Information Technology*

*2018 - 2021*

## ACHIEVEMENTS

### Vaxchain - Safe, and rewarding vaccine storage with IoT on Solana

*Won \$10K in a Global Solana Hyperdrive Hackathon in Nov 2023*

### 0xSonic - Plug-n-Play Decentralised Community builder SDK

*Won \$5K in a Global Web3 Social Hackathon in Jan 2023*

### Noteli - OAuth based note-taking CLI tool

*Won the first place in Auth0 Hashnode Hackathon in Sept 2021*