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 | Rust, Typescript, Node.js, Anchor, Solana, Docker — *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

Backend Engineer — Aug 2022 - Nov 2022
Airbound | Rust, Typescript, Node.js, AWS, PX4 — *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

Backend Engineer — June 2022 - Aug 2022
Investmint | Express, Nest.js, Typescript, Docker, PostgreSQL, Java, AWS — *Bengaluru, India*
- Built a heavily used internal SDK written in Node.js for interacting with multiple brokers in the stock market.
- Worked on optimizing the order placing API by 2x to reduce latency on the client side.

Backend Engineer Intern — Sep 2021 - Dec 2021
Career Leap | Node.js, Express, Typescript, Vitest, MongoDB Atlas & Realm, Firebase, Docker — *Bengaluru, India*
- Migrating data from Firestore to MongoDB.
- Built a Notification Engine using Realms and FCM based on events and data triggers.

PROJECTS

Nonci | *Node.js, Typescript, MongoDB, RabbitMQ, Docker* — **nonci.xyz**
- Nonci is a simple, yet powerful tool for queuing transactions and executing them asynchronously using durable nonces to handle crazy bursts in transactions.

Sonic | *Typescript, Ceramic, React.js, Next.js* — **github**
- Sonic SDK enables you to quickly set up and integrate your decentralized community in a flash!

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