

RAJKUMAR VARSANI

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Education

Indian Institute of Information Technology, Gwalior

2020 – Expected 2025

Integrated Bachelors and Masters in Information Technology

Gwalior, India

Experience

Software Engineer Intern

Feb 2024 – Present

Groww | India's Premier Investment Platform

Bengaluru, India

- Led the end-to-end development of **Payments Web SDK**, overseeing everything from **Architectural Design** to **Final Testing and Deployment**. This project substantially improved the **Payment Experience** for millions, offering a more stable and versatile payment solution.
- Developed dynamic **Routing** and **Scheduling** for **Payment Gateways**, optimizing traffic management during high-traffic scenarios and significantly reducing system downtimes by **Directing Traffic** to alternative providers.
- Utilized a modern tech stack including **TypeScript**, **React**, and **Zustand** to build scalable and efficient solutions.

Fullstack Developer Intern

Feb 2022 – Jan 2024

KoinX | \$1.5M - Seed

Remote

- Engineered the **Accounting** and **CA platforms**, specifically designed for **Cryptocurrency Transactions**, from concept to deployment. Leveraged a robust tech stack including **Node.js**, **MongoDB**, **Docker**, **Nats**, **Express**, and **React.js**. Implemented several **B2B Integrations** that facilitated customer acquisition, enhancing platforms' utility.
- Established robust and efficient microservices through the use of automated tools, including **AWS** services like **SES**, **SNS**, and **S3**, along with **Cron** and **Socket.io** for enhanced scheduling and real-time communication.
- Integrated **Prometheus Metrics** for system **Performance Monitoring** and developed a microservice using **GitHub Actions** and **Octokit** to synchronize common code across multiple GitHub repositories, ensuring code consistency.

SDE Intern

Jan 2023 – Dec 2023

Xpertree | Innovator in Pharma Insights

Remote

- Spearheaded complete **Overhaul** of the web application, transitioning from **Angular** to **Next.js 13** to enhance user experience and system performance, resulting in a more modern tech stack and improved user engagement.
- Led the development of **critical features** such as **Engagements**, **Mapping**, **Insights**, and **AI Integrations** with platforms like **OpenAI** and **Anthropic**, which were pivotal in driving **company growth** and enhancing UX.
- Worked on backend and database systems using **Java Spring Boot**, **MariaDB**, and **ClickHouse**, and utilized frontend technologies like **Next.js**, **SWR**, **Novel**, and **Zustand** to optimize data management and application performance.

Projects

Dresstination | Go, Gin, Firebase, Gemini, Flutter, AWS

| | July 2023

- Integrated 2 different **Generative AI** technologies - **Gemini** and **DALL-E** to architect **Fashion Advisory Mobile App** producing dynamic fashion content and respective AI generated suggestions based on user's needs.
- Developed a multi-threaded backend using **Go**, **Gin** and **Firebase** ensuring fast data handling and scalability on **AWS**.
- Crafted user interfaces using **Figma**, utilized **Flutter** and **Dart** for front-end development, ensuring a **Cross Platform** support and well thought user experience that integrates real-time AI-generated content intuitively.

Career Copilot | OpenAI Models, Next.js 14, TypeScript, Node.js, Mantine

| | Aug 2023

- Engineered a cutting-edge SaaS solution providing **AI-driven Candidate Screening** through a comprehensive web application featuring a customizable scoring system, dashboard, and individual profile assessments.
- Designed and implemented a seamless user experience by developing a **Chrome Extension** allowing recruiters to quickly view summarized profiles and relevant skill scores during **LinkedIn Screenings**.
- Utilized advanced technologies such as **OpenAI models**, **Next.js 14**, **TypeScript**, **Node.js**, and **Mantine UI** library to deliver efficient performance, robust functionality, and modern aesthetics throughout the entire application.

Achievements

2nd Position in Smart India Hackathon 2022

1st Position in Wix DevCon Hackathon 2022

Top 5 Teams in Razorpay FTX Hackathon

Finalist [Top 0.5%] in Code with Cisco 2024

1st Position in DSC-IIITM Android Hackathon

3rd Position in HackStack Hackathon

2nd Position in Hack-A-sol 2.0 Hackathon

3rd Position in Cuvette Codacatober Hackathon

Technical Skills

Languages: TypeScript, JavaScript, Go, Solidity, Java, C++, C, Kotlin, Dart

Technologies/Frameworks: React, Next.js, Express.js, Gin, Node, Angular, Spring Boot, Flutter, Nats, Jest, AWS, Git

Database Systems: MongoDB, Redis, PostgreSQL, MariaDB, Firebase