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

Fullstack developer Intern   Feb 2022 – Jan 2024
KoinX 🔗 | *$1.5M - Seed*   *Remote*

- Built dynamic user interfaces and backend systems using **Node.js**, **Express**, **React.js**, **Redux**, and **Material UI**
- Assumed leadership roles in delivering vital projects such as the **CA** platform and numerous **B2B integrations**, owning all aspects from conception to implementation, backed by strong communication skills and close collaboration.
- 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
- Incorporated **Prometheus Metrics** into core infrastructure to monitor and improve system performance, driving continuous improvement initiatives.

SDE Intern   Jan 2023 – Dec 2023
Xpertree 🔗   *Remote*

- **Led** the redesign and implementation of a cutting-edge web application using **Angular** and **Next.js 13**, prioritizing enhanced user experience and performance. Successfully orchestrated the migration from **Angular** to **Next.js 13**, modernizing the tech stack and significantly improving overall user experience and performance.
- Drove the development of **critical features**, including **Engagements**, **Mapping**, **Insights**, and **AI Integrations** with **OpenAI** and **Anthropic**, contributing significantly to **company growth.**
- Built and maintained robust backend systems using **Java Spring Boot**, ensuring seamless integration with **Frontend.**
- **Optimized SQL** and **Elasticsearch** configurations, resulting in improved **DB Performance** and **Response Times.**

SWE Intern   Feb 2022 – May 2022
MuxEmail   *Remote*

- Worked on **Optimization** of the web app and development process's **Code Compilation** strategies
- Implemented **Automation Builder** using React for dynamic and flexible mailing flows.
- Worked on integration of **Whatsapp Messages** and automation triggers with **Salla** for **Middle East** Countries.

Projects

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.

Melomint | *Flow Blockchain, Tenserflow, Next.js, Typescirpt, SWR, Node.js , FastAPI*   🐙 | 🌐 | July 2023

- Developed an innovative platform on **Flow Blockchain** for music artists with use of AI and Masterpiece NFTs, transforming music share distribution and compensation.
- Designed and developed web app using **Figma, Next.js with TypeScript and SWR**. employed **Node.js and FastAPI** servers for caching, access management, and similarity calculations.

Achievements

2nd Position in **Smart India Hackathon 2022**	**3rd Position** in **HackStack Hackathon**
1st Position in **Wix DevCon Hackathon 2022**	**2nd Position** in **Hack-A-sol 2.0 Hackathon**
Top 5 Teams in **Razorpay FTX Hackathon**	**3rd Position** in **Cuvette Codocatober Hackathon**
1st Position in **DSC-IIITM Android Hackathon**	

Technical Skills

Languages: JavaScript, TypeScript, Java, Solidity, Kotlin, C++, C
Technologies/Frameworks: React, Next.js, Express.js, Node, Angular, Spring Boot, Nats, Docker, Jest, Chai, Git
Database Systems: MongoDB, Redis, PostgreSQL, MariaDB, Firebase