

JAYANT VERMA

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Professional Summary

Frontend-heavy Full-Stack Software Engineer with 2+ years of experience building enterprise web applications and AI-enabled products. Strong in JavaScript, TypeScript, React, Next.js, Redux, RESTful APIs, and frontend-backend integration; experienced delivering reliable, secure services with automated testing, CI/CD, Docker, and Kubernetes.

Experience

Radisys

Dec 2023 – Present

Software Engineer

Gurugram, India

- Built and maintained frontend-heavy full-stack features for **SNOW**, an Element Management System supporting 100+ networking devices, using **React, JavaScript/TypeScript, GraphQL**, Spring Boot, Cassandra, MongoDB, Kafka, and Kubernetes.
- Developed responsive operations interfaces and backend inventory microservices, integrating frontend workflows with APIs to reduce manual operational friction and improve day-to-day usability for network teams.
- Architected **Radisys Insights**, an AI-enabled RAG application with **Next.js**, Python/FastAPI, PostgreSQL, OpenAI, and Ollama; streamlined alarm lookup and document-query workflows, reducing operational triage lookup time by **40%**.
- Engineered internal platform features for **RMS** using Angular, Spring Boot, Docker, InfluxDB, and secure TACACS+ AAA protocols, supporting telemetry processing, Ethernet provisioning, reliability, and security requirements.
- Authored a high-concurrency Go SNMP agent for real-time telemetry collection, increasing infrastructure visibility by **30%**; established **75%+ unit-test coverage** and reliable CI/CD delivery practices.

Radisys

Jul 2023 – Nov 2023

Software Engineer Intern

Bengaluru, India

- Built the foundational full-stack GUI for **CBAC Lite** from scratch using **Next.js, Redux, JavaScript/TypeScript**, and Tailwind CSS; implemented role-based access control (RBAC) and containerized Docker/Kubernetes deployments.
- Won **1st Place** at Codeathon 2023 for the CBAC Lite proof of concept, collaborating to translate an operational need into a working product.

Education

National Institute of Technology, Warangal

Dec 2020 – Jun 2023

Master of Computer Applications (MCA)

Telangana, India

Technical Skills

Frontend: JavaScript, TypeScript, React.js, Next.js, Redux, Angular, HTML, CSS, Tailwind CSS, responsive web UI
Backend & APIs: Python, Go, Java, FastAPI, Node.js, Express, Spring Boot, RESTful APIs, GraphQL, microservices
Data & Platforms: PostgreSQL, MongoDB, Cassandra, InfluxDB, MySQL, Apache Kafka, Docker, Kubernetes
Quality & Delivery: Unit testing, automated testing, CI/CD, Git, API integration, performance, reliability, security, RBAC
AI & LLM: OpenAI API, Ollama, Gemini API, RAG applications, AI-assisted development and testing workflows

Selected Project

PrepNiti | *Next.js, TypeScript, Go, Python, FastAPI, PostgreSQL, MongoDB, Docker, Gemini API* |  | 

- Architected a full-stack microservices product with Next.js dashboards, Go (Gin/GORM) API handlers, and a Python/FastAPI service that parses PDF documents into JSON schemas using the Gemini API.
- Built an interactive, responsive exam simulator with real-time auto-evaluation, error analysis, focus-loss detection, study/revision workflows, time logging, heatmaps, leaderboards, and administrative audit logs.

Additional Achievements

- **Innovation:** 2nd Place, Aavishkar Hackathon for integrating predictive AI and an alarm-analysis chatbot into RMS.
- **Problem Solving:** Solved 600+ DSA problems across LeetCode and CodeChef; ranked **#249** among 8,000+ participants in CodeChef Starters (June 2021).