

Sarvesh Yadav

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 1+ years of experience building scalable SaaS applications using Next.js, React, Node.js, and cloud technologies. Skilled in developing multi-tenant, real-time, and AI-powered platforms across frontend, backend, authentication, and infrastructure.

PROFESSIONAL EXPERIENCE

SDE1 – Full Stack

03/2025 – Present | Bengaluru, India

Sheshi AI

- Built and scaled full-stack multi-tenant SaaS applications using Node.js, React, Next.js, PostgreSQL, and Redis, powering authentication, AI workflows, and session management.
- Designed a multi-tenant RBAC system with JWT, secure cookies, tenant isolation, subdomain routing, and custom domain mapping, supporting 1,000+ organizations and white-labeled deployments.
- Implemented Redis caching, Pub/Sub messaging, Socket.io, and WebSockets, reducing database load by ~40% while enabling low-latency real-time communication.
- Developed reusable React/Next.js component systems and optimized SSR/SSG, lazy loading, and code splitting, reducing page load times from ~6s to under 500ms.
- Built event-driven workflows with AWS Lambda and used CloudWatch for centralized monitoring, logging, and production issue diagnosis.

EDUCATION

Full-Stack Development

08/2024 – 03/2025 | Bangalore, KA

Masai School

BTech – Electronics and Communications Engineering

2018 – 2022

Poornima College of Engineering

SKILLS

Frontend

Next.js, React.js, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3

Cloud & DevOps

AWS, AWS Lambda, API Gateway, EC2, S3, CloudWatch, CI/CD

AI & LLM

Gemini, Ollama, RAG, LLM, Chatbot Development, Prompt Engineering, Vector Search

Auth & Security

JWT, OAuth, RBAC, Secure Cookies, Session Management, Tenant Isolation

Backend

Node.js, Express.js, REST APIs, WebSocket (Socket.io), JWT

Database

PostgreSQL, MySQL, MongoDB, Redis

Real-Time Systems

WebSocket, Socket.io, Redis Pub/Sub, Event-Driven Architecture

PROJECTS

AI Incident Intelligence Platform 📄 | [GitHub](#)

Next.js, NestJS, PostgreSQL, Prisma, Ollama, Redis, BullMQ, Vector Search, RAG, Docker

- Implemented asynchronous AI processing with BullMQ, Redis, Ollama-hosted LLMs, and a RAG pipeline using vector search and semantic retrieval.
- Automated incident triage, severity classification, impact analysis, remediation recommendations, and AI-driven incident enrichment workflows.

AI Portfolio Website with Intelligent Chatbot 📄 | [GitHub](#)

Next.js, TypeScript, Gemini AI, Tailwind CSS, Vercel

- Built a personal portfolio website with an AI assistant to answer questions about my experience, skills, and projects.
- Developed a custom chat API using Next.js API Routes and Gemini AI for contextual responses.
- Implemented prompt-based context management for accurate, portfolio-specific answers.