

Niranjan Sah

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PROFESSIONAL SUMMARY

Full Stack Software Engineer experienced in building and deploying production web applications, backend services, and AI-enabled platforms across frontend, backend, data, and cloud environments. Strong in **React.js, Next.js, TypeScript, Node.js, FastAPI, PostgreSQL, Redis, Docker, and AWS**, with hands-on experience building REST APIs, real-time systems, authentication, CI/CD pipelines, and AI integrations including **RAG, embeddings, and vector search**. Experienced across the full software development lifecycle, from system design and implementation to deployment and production delivery.

WORK EXPERIENCE

Kumari AI

Full Stack Developer

Jun 2025 – Present

- Shipped a production AI platform serving 100 users / handling 10000 requests per day, using React.js, Next.js, FastAPI, PostgreSQL, Redis, Docker, and AWS.
- Engineered RAG pipelines with embeddings and pgvector vector search for semantic, context-aware responses; added Redis caching and memory-management strategies that reduced response latency by 60%.
- Designed REST APIs and backend services with FastAPI and PostgreSQL, integrating WebSocket real-time communication and Celery-based asynchronous task processing.
- Wrote unit and integration tests, technical documentation, and deployment notes; set up monitoring with Prometheus and Grafana and handled production debugging and defect resolution.
- Translated business requirements into technical specifications in collaboration with product, design, and data team members in an agile/Scrum delivery cycle.

PROJECTS

Sunlight Tailors | *Next.js, Express, Node.js, MongoDB*

October 2025 – Present

Project Link : [Sunlighttailors](#)

- Shipped a full-stack e-commerce and service-booking platform that moved customer ordering and service workflows online, with role-based administration for customer, product, and order management.
- Implemented REST APIs using Express.js and MongoDB, integrating backend services with the Next.js application and customer-facing ordering workflows.

Secure Environment Manager | *Next.js, Python, Docker*

October 2025 – May 2026

Project Link : [Secure Environment Manager](#)

- Engineered a self-hosted secrets-management platform for securely storing, managing, and auditing application secrets across development and deployment environments.
- Implemented encrypted secret storage, JWT authentication, audit logging, API key management, and secure secret-rotation workflows.

Interview Pilot AI | *Next.js, TypeScript, Node.js, PostgreSQL, Redis, Eleven Labs*

June 2026 – July 2026

Project Link: [InterviewPilot AI](#)

- Engineered an AI-powered voice interview platform combining real-time voice interaction, adaptive follow-up questioning, and resume-aware personalization on a Next.js, PostgreSQL, Prisma, and Redis architecture.
- Implemented JWT authentication, AI provider abstraction, and backend APIs to decouple application workflows from external AI and voice service providers.
- **Integrated** the Web Audio API for real-time microphone visualization and voice interaction, while generating structured interview feedback covering performance analysis, improvement areas, and hiring recommendations.

EDUCATION

KL University

Bachelor of Technology in CS & IT

Vijayawada, Andhra Pradesh

November 2021 – May 2025

SKILLS

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS
- **Backend:** FastAPI, Django, Node.js, Express.js, REST APIs
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- **Cloud & DevOps:** Docker, AWS, GitHub Actions, CI/CD
- **Tools:** Git, GitHub, Jira, Agile/Scrum

CERTIFICATION

- Microsoft Certified: Azure Fundamentals (AZ-900) - Microsoft