

SAFEER MON EP

Software Engineer - Full Stack

Kerala, India



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SUMMARY

Full Stack Engineer with hands-on experience in building and scaling production applications using FastAPI, Node.js, React, and Next.js within microservices and monolithic architectures. Proven ability to own features end-to-end, from system design and implementation to deployment in cloud environments. Experienced across AWS and GCP, with strong exposure to semantic search and LLM-based application development.

PROFESSIONAL EXPERIENCE

Full Stack Engineer - Smartercodes

May 2024 - Present | Kerala, India

- Leading development of an AI-Powered Semantic Search Platform designed to interpret user intent and deliver context-aware results.
 - Implementing backend services using FastAPI, integrating semantic search and microservice communication.
 - Building responsive UI workflows using React, Redux, and Tailwind.
 - Owned deployment workflows using Docker, Traefik, and Bitbucket Pipelines, contributing to secure and scalable cloud deployments across AWS and GCP.
 - Collaborated in Agile sprints and contributed to feature planning and code reviews.
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CORE SKILLS

Backend: FastAPI, Node.js, Express.js

Frontend: React, Next.js, Redux, Tailwind CSS, Material UI

Databases: MongoDB (primary), familiar with PostgreSQL, Neo4j, and Milvus

Messaging: RabbitMQ

Cloud & DevOps: AWS, GCP, Docker, Traefik, Bitbucket Pipelines, GitHub Actions (basic)

AI & Search: Semantic Search, Vector Indexing, LLM API Integration (OpenAI, Claude)

Architectures: Microservices, Monolithic, Event-Driven Patterns, Clean Architecture

PROJECTS

EP-Link - Personal Project

- Advertisement and communication platform with chat and call interaction.
- Architected using the MERN stack in a microservices structure.
- Implemented JWT-based secure authentication.
- Designed service-to-service communication across microservices using REST and RabbitMQ.
- Deployed with Docker Compose and Traefik..
- Demonstrates full ownership from design to deployment.

AI-Powered Semantic Search Platform - Smartercodes (Internal)

- Built core features improving semantic search and contextual response quality.
 - Integrated LLM-based text understanding for better retrieval accuracy.
 - Contributed to both backend logic and UI implementation.
 - Supported deployment workflows and CI execution.
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EDUCATION

B.Com Computer Application - CGPA 6.98