

RANJITHKUMAR

DevOps Engineer — AI Engineer — Cloud Engineer

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SUMMARY

Final-year B.Tech student working across DevOps, AI Engineering, and Cloud. Containerizes and deploys real services with Docker and Kubernetes, builds the AI layer on top with LLMs and agent workflows, and runs it all on AWS — full, end-to-end projects rather than tutorials.

EDUCATION

Parul University

Sep 2023 – Present

B.Tech — Computer Science and Engineering | CGPA: 8.0/10

Sri Viswa

Jun 2021 – Jul 2023

Intermediate (Science – MPC Stream) | CGPA: 7.8/10

TECHNICAL SKILLS

Cloud & DevOps

AWS, Docker, Kubernetes, Linux, Git, GitHub Actions, CI/CD, Kafka, Prometheus, Grafana

AI Engineering

LLMs, RAG, AI Agents, Prompt Engineering, LangChain, LangGraph, MCP

AI Platforms

OpenAI Platform, Google AI Studio, AWS Bedrock, Claude Code, ChatGPT, Google Gemini, Ollama

Languages

Java, Go, Python, JavaScript, TypeScript, SQL

Frameworks & DBs

FastAPI, Gin, Spring Boot, Node.js, React, Next.js, PostgreSQL, MongoDB, Redis, SQLite

PROJECTS

SentinelOps

Python, FastAPI, Kafka, Docker, Kubernetes, Next.js — github.com/Ranjithhub08/SentinelOps

- Built an event-driven incident-response pipeline of 7 microservices communicating over Kafka to ingest logs and metrics.
- Implemented threshold-based anomaly detection, root-cause classification, and automated alert routing to Slack.

multi-agent-research-bot

Python, Gemini API, asyncio — github.com/Ranjithhub08/multi-agent-research-bot

- Built a three-agent AI pipeline (research, critique, synthesis) to reduce hallucinated output versus a single LLM call.

LawLens

FastAPI, React, Gemini API — github.com/Ranjithhub08/LawLens

- Built an AI-powered legislative analysis tool that answers questions grounded in the source document, with multilingual summaries.

SentinelAI

Go, Gin, PostgreSQL, Docker, Ollama — github.com/Ranjithhub08/SentinelAI

- Built a Go/Gin service that continuously monitors API endpoint uptime and health.
- Integrated a self-hosted LLM (Ollama) to automatically diagnose failure causes without relying on paid APIs.

6 additional projects (ZeroShare, FleetFlow, and others) at github.com/Ranjithhub08

CERTIFICATIONS & ACHIEVEMENTS

- Oracle Cloud Infrastructure (OCI) Generative AI Professional
- Oracle AI Foundations Professional
- AWS Cloud Practitioner
- DevOps Certification
- 2nd Place, Vibeathon Hackathon — VibeLevel.ai