

GOLLA GOVARDHAN

+91 9441057677 | govardhan.golla.yadav@gmail.com | LinkedIn | GitHub

EXPERIENCE

Oracle, Bangalore

Aug 2025 – Apr 2026

Associate Consultant

- Engineered event-driven processing by building a **Java Spring Boot microservice with Apache Kafka**, including brand-based routing and partitioning, along with Prometheus monitoring and centralized logging, ensuring reliable, observable, and ordered message delivery across distributed systems.
- Optimized backend performance** by developing RESTful APIs with TTL-based caching (1-hour session tokens) integrated with Oracle BRM, **reducing latency by 50% and improving response efficiency**.
- Deployed and automated cloud-native applications using Docker and Kubernetes (Helm), with **Python-based deployment scripts and AI-assisted tools (OpenAI, Claude)**, improving system reliability, reducing manual effort, and accelerating delivery cycles.

Tech: Java, Spring Boot, Apache Kafka, REST APIs, Microservices, Distributed Systems, Prometheus, Logging, Docker, Kubernetes (K8s), Helm, Python, Linux, AI-Assisted Development

Oracle, Bangalore

Jan 2025 – Jul 2025

Project Intern

- Established a multi-node Kubernetes (K8s) cluster** across Linux systems, gaining hands-on experience in container orchestration and cluster architecture.
- Developed Oracle APEX (low-code) features including **EBH workflows, bulk approvals, conditional filtering, and email notifications**, improving process efficiency and enabling beta release readiness.
- Assisted in deploying Siebel CRM microservices** as part of a cloud-native POC on Kubernetes, including container image handling and cluster setup, gaining hands-on experience in enterprise application deployment.
- Built a RAG-based AI agent prototype** to assist new hires with organizational information during an **internal Oracle AI Agents Studio hackathon** after completing AI Agents training and certification, demonstrating applied understanding of RAG-based problem solving.

Tech: Kubernetes (K8s), Docker, Linux, Oracle APEX, Microservices Deployment, Cloud-Native Deployment, RAG, AI Agents

PROJECTS

Retrieval-Augmented Generation (RAG) System

Python, LangChain, FAISS, Groq API, Streamlit

- Built an end-to-end RAG pipeline using document ingestion, chunking, and embeddings** to enable context-aware question answering over multi-format data.
- Implemented FAISS-based semantic retrieval with optimized chunking strategies** for efficient and relevant context generation.
- Integrated Groq-hosted LLaMA with prompt-driven context injection and deployed via Streamlit**, enabling real-time querying and improved usability.

Real-Time Comment Toxicity Detection System

Python, Django, TensorFlow, Keras, LSTM, NLP

- Developed a Django-based backend integrating an LSTM model** for real-time toxicity classification across multiple categories.
- Built an NLP pipeline with preprocessing, tokenization, and model inference** to ensure accurate predictions.
- Enabled end-to-end prediction workflow from user input to classification output through API-based model integration.

SKILLS

Languages:	Java, Python, SQL, JavaScript
Backend:	Spring Boot, Django, REST APIs, Microservices
Distributed Systems:	Apache Kafka, Event-Driven Architecture
Cloud & DevOps:	Docker, Kubernetes (K8s), Helm, CI/CD, Linux
Monitoring:	Prometheus, Logging, Observability
Databases:	MySQL, Oracle DB, SQLite
AI/ML:	RAG, LangChain, FAISS, NLP, LSTM, Agentic AI Development
Automation:	Python Scripting
Tools:	Git, Maven, Cursor, Claude Code

EDUCATION

Jain University, Bangalore

Nov 2021 – May 2025

B.Tech in Information Science Engineering

CGPA: 9.4/10.0

- Department Rank 3 (ISE) – Academic Excellence Certificate**
- Coursework: Data Structures and Algorithms, Problem Solving, RDBMS, Web Development, SDLC, Software Testing

ACHIEVEMENTS & CERTIFICATIONS

Certifications: Kafka Fundamentals (Confluent), OCI Foundation Associate, Oracle Fusion AI Foundations Associate, Python and Django Certification, UNIX and Linux Essentials, Containerization and Orchestration Certification

Problem Solving: Gold Badge in Python (HackerRank) | 100+ problems solved on Coding Platforms

Leadership: Club Lead (Infosphere, Jain University) – Led 5 organizers, conducted 6+ workshops for 200+ students, increased membership by 30%