

Akshad Agrawal

akshad.contact@gmail.com | +91 9998054685
linkedin/akshad135 | portfolio | github.com/akshad135

EDUCATION

VIT BHOPAL UNIVERSITY

BTech. in Computer Science and Engineering, Specialization in AIML

Oct 2022 – Sept 2026

CGPA 9.09/10

EXPERIENCE

Ernst & Young (EY)

Jan 2026 – Present

Technology Consultant Intern – GenAI | Bengaluru, India

- Built multi-agent AI pipelines using Google ADK, implementing hierarchical agent architectures with dynamic LLM-driven task routing to automate complex enterprise workflows.
- Equipped agents with custom capabilities using ADK's FunctionTool and AgentTool ecosystem, integrating external APIs and data sources for production-grade agentic solutions.

SKILLS

Languages & Domain: Python, LangChain, Deep Learning, Google ADK

Databases: MySQL, PostgreSQL

Frameworks: Discordpy, Py-Cord, TensorFlow

PROJECTS

Agentic Auditor: Autonomous Legal Compliance System

[akshad135/agentic-auditor]

LangGraph, Qdrant, GPT-OSS (Groq), Streamlit, Unstructured.io

- Architected an Agentic RAG system using LangGraph to audit legal contracts, employing a cyclic "Drafter-Critic" workflow that iteratively refines risk assessments before final output.
- Built a Self-Healing Knowledge Base that automatically synthesizes defensive policies from raw legal datasets (LexGLUE) using LLMs and indexes them into Qdrant for semantic retrieval.

Dilbert-o-Matic: End-to-End MLOps Pipeline

[akshad135/dilbert-o-matic]

Dagster, MLflow, DVC, Transformers, PyTorch, Streamlit

- Developed a production-grade MLOps pipeline to automate the training, validation, and versioning of a T5 Transformer model, orchestrating the lifecycle with Dagster.
- Implemented Data Version Control (DVC) for reproducibility, MLflow for experiment tracking, and custom drift detection sensors to prevent model degradation in production.

Smart Resume Screener

[akshad135/resume-screener]

FastAPI, React, PostgreSQL, SQLAlchemy, Groq API

- Engineered a full-stack AI recruiting platform (React, FastAPI, PostgreSQL) to screen and rank resumes against complex job descriptions using evidence-based matching.
- Constructed an asynchronous 5-stage processing pipeline (parsing, extraction, scoring, reasoning) using Groq API and SQLAlchemy for persistent state management.

CERTIFICATIONS

Oracle Cloud Infrastructure Generative AI (Professional)

[credentials]

Oracle Cloud Infrastructure Foundation (Foundation's Associate)

[credentials]