

Summary

Skills

Large Language Models (LLMs):** GPT-4, Claude, Gemini, Llama 2/3, Anthropic models

LLM Frameworks & Libraries:** LangChain, Haystack, LlamaIndex, AutoGPT

Vector Databases:** Pinecone, Elasticsearch

Cloud Computing:** AWS (EC2, Lambda, S3, Step Functions, CloudWatch), Docker, Kubernetes

Programming Languages:** Python (Pandas, Scikit-learn, TensorFlow, PyTorch), SQL

Data Processing & Visualization:** ETL processes, Power BI, Tableau, Matplotlib, Seaborn

Deployment & DevOps:** CI/CD (GitHub Actions), REST APIs, Docker

Other:** Prompt engineering, embedding techniques, JSON/YAML schema validation, OCR, Multi-Agent System Orchestration (CrewAI)

Experience

AI Engineer | INTERGLADE Solutions Pvt Ltd | Pune, India | March 2025 – Present**

Designed and deployed an LLM-powered stock assistant using Google Gemini and FastAPI.

Engineered prompts to optimize LLM outputs and improve accuracy.

Fine-tuned ML models and deployed them using AWS services (EC2, Lambda).

Developed and Dockerized REST APIs for seamless AWS deployment.

Developed a multi-language AI-powered talking assistant ("Talking AI-baby") utilizing FastAPI, Gemini AI, and Hugging Face.

Created an in-house billing system ("InVoice") automating invoice generation, management, and PDF downloads using WeasyPrint and Num2Words.

AI/ML Intern | CRAVITA TECHNOLOGIES | Pune, India | August 2024 – February 2025**

Implemented ETL processes and automated data visualizations using Power BI.

Developed complex, scalable SQL queries for ETL and analytics workflows.

Applied OOP principles in Python to create modular and reusable components.

Implemented end-to-end ML pipelines: data preprocessing, training, evaluation, and deployment.

Data Science Intern | AUTOMATION AI INFOSYSTEM PVT LTD | Pune, India | March 2022 – August 2022**

Developed an animal detection model for surveillance automation using YOLO.

Performed data cleaning, preprocessing, and model training.

Education

Bachelor of Engineering in Artificial Intelligence & Data Science | Pune University | Pune, India** | First Class

Certifications

Python Programming (Udemy)

Docker and Kubernetes (Udemy)

Projects

Face Detection (Flask, Dlib):** github.com/utkarshdeshmane/Face-Detection-project

News English-to-Hindi TTS:** github.com/utkarshdeshmane/news-Englist-to-Hindi-TTS

Dwell System Anomaly Detection:** github.com/utkarshdeshmane/dwellwell2

Ajio Price Tracker:** github.com/utkarshdeshmane/Ajio-price-tracker

Stock Price Forecasting (LSTM):** github.com/utkarshdeshmane/Stock-Price-Forecasting-using-LSTM

Smart ATS & Resume Builder:** github.com/utkarshdeshmane/Resume-Ats-builder