ABHISHEK PANT

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GitHub:-https://github.com/Rusty-user365

Technical Skills

Programming: Python (Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn Regression, Classification, Model Evaluation), SQL

Machine Learning & Deep Learning: TensorFlow, Transformers (Hugging Face), Experiment Tracking,Monitoring

Natural Language Processing: LLM Fine-Tuning, RAG Systems, Embeddings, LangChain, ChromaDB

Data & Visualization: Data Cleaning, Feature Engineering, Exploratory Data Analysis (EDA), Matplotlib, Seaborn

MLOps & Deployment: MLflow, DVC, Docker, Kubernetes, CI/CD (GitHub Actions), Model Registry

Tools & Platforms: Git, Jupyter Notebook, VS Code, Aws

Projects

AI Interview Assistant (Project Link)   **Jan 2026 − Feb 2026**

- **Developed** an AI Interview Assistant using Streamlit to simulate real interview scenarios with voice-based interaction
- **Implemented** live transcription pipelines with Whisper and other ASR models to capture candidate responses in real time.Includes 3 rounds: **Introduction,Technical,Coding**. With post **analysis with Ai**.
- **Integrated** LLMs for dynamic question generation and feedback, enabling adaptive interview practice.
- **Designed** dashboard visualizations for tracking strengths, weaknesses, and progress trends across multiple interviews.

Tech Used: Python,Gemma3:250M

MLOps Pipeline – Experiment Tracking & Deployment (PROJECT LINK)   **Jan 2026 − Feb 2026**

- Implemented an end-to-end machine learning workflow for a classification task using **MLflow** for experiment tracking and model registry. Demonstrated model lifecycle management.
- **Containerized** the application with Docker and deployed it locally for reproducible environments.
- **Integrated** GitHub Actions **CI/CD** to automate testing and deployment on every commit.

Tech Used: Python, Scikit-Learn, MLflow, Docker, GitHub Actions, Git

Reddit Persona Generation Tool (LLM-based) (PROJECT LINK)   **June 2025 − July 2025**

- **Designed** a system to analyze a user's Reddit posts and comments to generate a detailed persona profile.
- **Implemented** persona extraction using a **local LLM via Ollama**.
- **Extracted** attributes such as interests, profession, personality traits, and age group with source citations.

Tech Used: Python, LLM (Ollama), NLP

Financial LLM – Data Extraction from PDFs (PROJECT LINK)   **Feb 2025 − Aug 2025**

- **Implemented** a financial document processing pipeline using a **fine-tuned Qwen family LLM** to extract key financial entities from PDFs into structured **JSON format**.
- Integrated the financial LLM into a **Retrieval-Augmented Generation (RAG)** chatbot for domain-specific Q&A.
- **Embedded** curated financial content into ChromaDB and implemented semantic search with **LangChain** for context retrieval.
- **Enabled** grounded, explainable responses by combining extracted structured data with retrieved knowledge.

Tech Used: Python, LLM (Qwen, Ollama), LangChain, ChromaDB, NLP, Jupyter Notebook

Education

Uttaranchal University   **Aug 2023 – June 2025**

Master of Computer Applications(AI/ML)   *Dehradun, Uttarakhand*

Certifications

- **Oracle Cloud Infrastructure 2025 Generative AI Professional (1Z0-1127-25)** – Oracle
- **Oracle Cloud Infrastructure 2025 Data Science Professional (1Z0-1110-25)** – Oracle
- **Advanced AI and Machine Learning Techniques and Capstone** – Microsoft
- **Python** – HackerRank and **AWS** – Scaler
- **Software Engineer Intern (Skill Certification)** – HackerRank