Aniket Vishwakarma

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EDUCATION

•**Jabalpur Engineering College**   *2021-25*

Bachelor of Technology in Artificial Intelligence and Data Science   CGPA: 7.81

EXPERIENCE

•**AI Engineer (Intern)**   *February 2024 - March 2025*

INeuron.ai   Onsite

- Orchestrated end-to-end **GenAI workflows using Apache Airflow**, enabling automated data ingestion, model inference, and result delivery
- **Fine-tuned a transformer-based language model** on domain-specific educational datasets, **resulting in a 25% improvement** in response coherence and factual accuracy.

•**Head Coordinator (E - CELL)**   *April 2024 - April 2025*

Jabalpur Engineering College   Onsite

- **Managed a team of 15 to organize 5+ events**, increasing student engagement in entrepreneurial activities
- Piloted a mentorship program connecting students with experienced entrepreneurs, **resulting in a 40% increase** in the number of project submissions for the university's annual innovation competition..

•**Rajasthan IT day (Hackathon)**   *March 2023*

Rajasthan Government

- Designed a model to optimize fuel consumption, achieving a potential **savings of up to 10%** in preliminary testing.
- Learned **Networking and pitching** projects

PROJECTS

•**AI-Powered SQL Query Generation (Gemini and SQL)**

Developed an application using Google's Gemini model to convert natural language queries into SQL

- Convert user questions into accurate SQL queries, **optimizing database interactions** and data accessibility.
- Allows users to input queries, upload Excel files, and preview data before ingestion.
- Technology Used:**GenAI,SQLite3,Pandas**

•**Remote Proctoring System with Real-Time Facial Landmark Detection (OpenCV)**

Engineered a proctoring system for tracking facial landmarks to enhance the accuracy of cheating detection.

- Developed an **application to leveraged facial** landmarks to monitor eye, mouth activities
- Utilized metrics to detect suspicious activities, **enhancing the accuracy of remote proctoring systems**.
- Technology Used: **Python,OpenCV,Dlib,Machine Learning**

•**RAG Document with OpenAI**

Document Q&A powered by RAG for precise retrieval-based responses.

- Built **modular backend services** for QA, theme identification, and document routing with FastAPI.
- Enabled **real-time Q&A** and thematic insights over uploaded documents via **LangChain and OpenAI APIs**.
- Containerized the **application with Docker** and managed environment configurations using .env files.
- Technology Used: **LangChain,OpenAI API,FAISS,Python**

TECHNICAL SKILLS AND INTERESTS

Languages: Python,SQL

Data Analytics and Visualization:NumPy, Pandas, EDA, PowerBI, MS Excel, SQL, Matplotlib, Seaborn

Deep Learning:NLP, LSTM , CNNs, RNNs, TensorFlow, Keras, Neural Networks, Hugging Face, Transformers, BERT, GPT, Pytorch, OpenCV

Gen-AI:LLMs, GANs, Langchain, Llama Index, Gemini Pro, LangGraph, RAG

MLOps:Model Deployment, Monitoring, Automation, AWS Sagemaker, AWS S3, AWS EC2, AWS Lambda , CI/CD for ML, Docker, Azure, GCP, Github, MLflow.

ACHIEVEMENTS

• **GATE 2024 Qualified**

• **Certified ML Mentor**

• **LeetCode 250+ questions**

• **Hackathon Semi-Finalist**