Ritik Maurya

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LinkedIn | GitHub

Professional Summary

- A highly skilled and motivated AI/ML professional with hands-on experience in developing and implementing machine learning models and data-driven solutions. Proficient in Python, Java, and SQL, with a strong foundation in AI & Machine Learning, Data Analysis, and Deep Learning. Demonstrated expertise in creating AI-driven applications, such as Recruit AI and smart meeting schedulers, utilizing advanced technologies like Ollama's LLaMA3.2 model, NLP, and MongoDB. Proven ability to work collaboratively in team settings, manage time effectively, and lead projects to successful completion.

Work Experience

Aether Industries Ltd

AI/ML Intern | | - Present

Technologies Used:

Ollama's LLaMA3.2   MongoDB   HTML   NLP

Infosense Global

Data Science Intern | | - Present

Technologies Used:

QGIS   PostgreSQL   D-Tale

Infolabz IT Services

Data Analytics & Machine Learning Intern | | - Present

Technologies Used:

Python   Machine Learning   RegX

Education

Bachelor of Engineering in Computer Engineering

L.D. College of Engineering | - | GPA: 8.13

Higher Secondary Education

AB School | - | GPA: 92.92

Secondary School Education

AB School | - | GPA: 90.33

Technical Skills

Programming Languages

Python Java C SQL

Frameworks & Libraries

Flask Lang-Chain TensorFlow Streamlit

Tools & Software

VS Code PowerBI Git GitHub Bitbucket MongoDB QGIS PostgreSQL
D-Tale Excel

Methodologies

Generative AI Data Analysis Data Science NLP Deep Learning Machine Learning

Projects

RecruitAI-Assistant

Role: None | Duration:

AI-driven processor that extracts key details, generates PDFs, and classifies resumes.
Automates meeting scheduling with auto-suggested interviewer using AI.
Technologies Used:

Python Flask Ollama MongoDB Lang-Chain RAG

Chat with All

Role: None | Duration:

Streamlit app using Langchain, RAG, and local Ollama model for conversation with
Database, Wikipedia, Website, Image, Document, LLM.
Technologies Used:

Python Ollama Lang-Chain RAG

Next Word Predictor

Role: None | Duration:

NLP-based model that predicts the next word in a sequence.
Technologies Used:

Python TensorFlow NLP Deep Learning

Device Classification

Role: *None* | *Duration:*

Image classification for laptop and mobile using Deep Learning CNN and OpenCV.
Technologies Used:

Python   Deep Learning CNN   Streamlit

Movie Recommendation System

Role: *None* | *Duration:*

Used collaborative filtering and Machine Learning algorithms to recommend movies based on movies type.
Technologies Used:

Python   Machine Learning   RegX

IPL Scorecard

Role: *None* | *Duration:*

A Data preprocessing project to show IPL scorecard using Python pandas library, SQL and Excel.
Technologies Used:

Python Pandas   SQL   Excel

WhatsApp Chat Analysis

Role: *None* | *Duration:*

A project to analyze WhatsApp chat data using NLP and regex to identify communication patterns.
Technologies Used:

Python   NLP   RegX

Additional Information

Key Achievements

- Achieved a percentage of 90.33% in Higher Secondary education. *(Impact: Demonstrates strong academic performance and foundational knowledge.)*