MOHD ZAID

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PROFESSIONAL SUMMERY

Final-year B.Tech CSE student with strong foundations in Machine Learning, Deep Learning, and Generative AI, actively exploring MLOps, LangGraph, FastAPI, and AI Agent development. Experienced in building end-to-end AI applications including NLP-powered Resume Analyzer, YouTube Q&A Chatbot, and Recommendation Systems. Skilled in deploying models with Docker, AWS, and vector databases. Highly motivated mindset with the ability to rapidly learn, adapt, and deliver scalable AI-driven solutions.

SKILLS & ABILITIES

- Programming Languages: *Proficient in Java, Python, C++, JavaScript,C.*
- Web Development: *HTML, CSS, JavaScript frameworks*
- Data Analysis: *Data wrangling, data cleaning, exploratory data analysis (EDA),Embaddings.*
- Machine Learning: *Supervised and Unsupervised learning, model selection, Hyper-parameter tuning*
- Statistical Analysis: *Probability, hypothesis testing, regression analysis*
- Libraries & Frameworks: *Pandas, NumPy, Scikit-Learn,Streamlit, Flask,LLMs Using LangChain,Generative AI,RAG,Vector DataBase,Chatbot.*
- Data Visualization: *Matplotlib, Seaborn.*
- Cloud Platforms: *AWS*
- Version & Data Control: *Git, GitHub, DVC.*
- Tools for Deployment: *Docker, Flask*
- Database Management: *Skilled in SQL.*

MY PROJECTS

Q&A System on YouTube Video:

Description: Developed a system to answer the query of YouTube video,You can chat based on the video content.
Technologies Used: Langchain, RAG,text loader,splitter, embedding, text retrivel, LLM,Streamlit,FAISS

TalentLens By NLP:

Description: TalentLens is a smart resume analysis tool built using **Streamlit** and **Python**. It helps users by analyzing uploaded resumes, extracting key details like skills and experience, and recommending suitable career fields, skills to improve, and relevant online courses. It also provides a resume score and improvement tips. An admin dashboard is included for data visualization and report generation.
Technologies Used: NLP, PyPDF2, Streamlit, SpyCy/re, MySQL, Pandas

Movie Recommendation System:

Description: Developed a movie recommendation system that suggests movies to users based on their viewing history and preferences
Technologies Used: Python, Pandas, NumPy, Scikit-learn, Flask, HTML, CSS,
(It generated by using the concept of Countvectorizer and KNN.)

Car Price Predictor:

Description: Developed a car price prediction system that estimates vehicle prices based on various features such as brand, model, year, mileage, and fuel type. The model was built using LinearRegression to provide accurate predictions
Technologies Used: Python, Pandas, NumPy, Scikit-learn, Flask, HTML, CSS, JavaScript, Jinja Templates

EDUCATION

2021-2025 **Bachelor of technology**
In Computer Science
RIT Roorkee

PERSONAL ATTRIBUTES

- Strong analytical and problem-solving skills.
- Effective communication and teamwork abilities.
- Excellent analytical and time management skills
- Eager to learn and adapt to new technologies and methodologies.

Ready to leverage my skills and knowledge to contribute to innovative projects and support the growth of a dynamic organization.