Aqleem Khan

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https://github.com/khan-408 https://khan-408.github.io/resume_ortfolio/

Experience

Tamar Software Dec 2024 - Present
AI Intern *Noida, UP*

- Developed NLP pipelines and computer vision classifiers for real-time data analysis.
- Collaborated with the AI team to develop and optimize classifiers for text and image-based inputs.

iNeuron Jun 2024 – Nov 2024
Data Science Intern

- Developed and fine-tuned supervised ML models using real-world data for predictive analytics and classification.
- Collaborated with the team to build end-to-end data pipelines using Python and key data science libraries.

Technical Skills

Languages: Python, SQL, Scikit-learn, Pandas, NumPy, Matplotlib

ML/DL: TensorFlow, Keras, CNN, RNN, Transformers, GEN AI

NLP: Text classification, Named Entity Recognition, PromptEngineering

DevOps: Basics of Docker, Git, Model Deployment (Flask/Streamlit)

Cloud: AWS, Google Colab, HuggingFace, CloudEra AI Workbench

Projects

LexiMind | *Python, NLP, Pandas, TensorFlow, Keras, LSTM, Tokenizer*

- Developed LexiMind, a deep learning-powered next-word prediction model designed to enhance contextual language generation.
- Built an LSTM-based neural architecture using Keras, incorporating Embedding, LSTM, and Dense layers to learn sequence dependencies and generate contextually appropriate next words.

DocIntel | *Python, FastAPI, LangChain, FAISS, Sentence Transformers, HTML, Bootstrap*

- Developed DOCINTEL, an LLM-powered document intelligence chatbot capable of analyzing and answering queries across 75+ documents with contextual accuracy and citation support.

- Integrated document chunking, semantic search via FAISS, and real-time question-answering using Sentence Transformers and LangChain to deliver multi-document insights with source traceability.

Insurance Premium Prediction System | *Python, Scikit-learn, Pandas, NumPy, Matplotlib, Flask*

- Conducted comprehensive data cleansing, preprocessing, and exploratory data analysis (EDA) on an insurance dataset to uncover key patterns and insights.
- Trained and optimized a set of regression models, including Random Forest, Extra Trees, and Gradient Boosting, to predict essential metrics and maximize performance and Deployed it on the AWS Elastic Beanstalk.

Education

MS University June 2023 -Present
MBA – Artificial Intelligence & Machine Learning *Saharanpur,UP*
CCS University Jun 2018 – Jun 2021
Bachelor of Science in Mathematics *Meerut, UP*