Talha Niazi

Machine Learning Engineer

CONTACT

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EDUCATION

B.S.

Artificial Intelligence

National University Of Modern Languages

February 2023 – February 2027

Islamabad, PK

SKILLS

Programming: Python, C++, Java, SQL

Machine Learning Libraries: Scikit-learn, TensorFlow, Pandas, Numpy

Modeling: Logistic regression, linear regression, decision trees

Tools & Platforms: Dialogflow, PowerBI, Git/GitHub

Experience & Projects

Lead Developer - Live Digit Recognition

Self-initiated Project

June 2024 – July 2024

- **Tools Used:** Python, TensorFlow, OpenCV
- Developed a real-time digit recognition model with CNN achieving 95% accuracy and processing 20 frames per second.
- Enhanced model performance for live video streams.

AI Developer - Movie Recommendation System

Self-initiated Project

July 2024 – July 2024

- **Tools Used:** Python, Scikit-learn, Streamlit
- Built and deployed an AI-powered recommendation system on Streamlit
- Optimized the system's recommendation logic, significantly enhancing recommendation relevance and reducing computational overhead.

Chatbot Developer - Restaurant Order/Tracking Bot

Self-initiated Project

July 2024 – August 2024

- **Tools Used:** Dialogflow, Python, FastAPI, MySQL
- Developed an end-to-end chatbot for automating restaurant order management and tracking.
- Implemented Dialogflow fundamentals such as intents, entities, and contexts to handle user interactions seamlessly.
- Built a backend using Python and FastAPI, integrating with a MySQL database to manage orders and customer data efficiently.

Certifications

- DeepLearning.AI: Generative AI with Large Language Models
- Google Cloud: Introduction to Large Language Models