Ayan shaikh

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Links

- Linkedin: //www.linkedin.com/in/ayan-shaikh-360354284/ Github: https://github.com/Freakyselmon

Summary

Motivated and detail-oriented fresher with a passion for data analysis, machine learning, and artificial intelligence. Pursuing a BCA from Maulana Azad University with a Minor in AI from IIT Ropar, gaining a strong foundation in programming, databases, and analytics. Proficient in Python, SQL, and data visualization tools like Excel and Matplotlib, with hands-on experience in academic projects involving data analysis and predictive modeling. Eager to contribute my skills and knowledge through a data science internship to solve real-world.

Projects

Stock Market Analysis and Prediction System

- Developed a real-time stock market analysis tool using Finance API for live data and LSTM models in TensorFlow for stock price predictions.
- Implemented key technical indicators (SMA, RSI) and visualized data using Matplotlib to assist in investment decisions.
- Technologies: Python, TensorFlow, yFinance API, Matplotlib.

YOLOv8 Object Detection Project

- Engineered a real-time object detection system using YOLOv8 for dynamic video analysis and object tracking.
- Integrated OpenCV for efficient video capture, frame processing, and seamless cross-platform compatibility.
- Optimized detection accuracy with confidence scoring, delivering precise bounding boxes and class labels.

Telegram AI ChatBot

- Built a Telegram bot using Google Gemini AI to handle user queries with intelligent responses.
- Integrated SerpAPI for web searches and enabled image/file analysis using AI.
- Implemented user registration & chat history storage with MongoDB, ensuring efficient data handling.

Skills

Python, SQL, Machine Learning, Database Management, Data Visualization, Data Manipulation, Natural Language Processing, Deep Learning, Version Control

Soft Skills

Problem-Solving, Communication Skills, Adaptability, Self-Motivation, Collaboration and Teamwork

Education

Bachelor's of Computer Application | Maulana Azad Universit | 08/2025 | Jodhpur, Rajasthan

Certificates

Minor in AI from IIT ROPER