Vivek Prakash Tripathi

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Overview

I am a final year student at VIT-C pursuing a B.Tech in Computer Science specializing in AI and ML. I have worked on various data science and stock market related projects in my internship and have built projects in Java as well. I have practiced my D.S.A skills on various websites and have solved more than 150+ questions.

Education

Vellore Institute of Technology, Chennai, B.Tech in Computer Science   Sept 2022 – July 2026
- CGPA: 8.0/10.0

Delhi Public School, Ranipur   Passed out - 2022
- Class 12th : 86.2%
- Class 10th : 89.6%

Experience

Data Science Intern, Insight Fusion Analytics – Mumbai, India (Remote)   Feb 2025 – Present
- Worked on Time-Series Forecasting for Sales Data from 3 retail stores over a period of 5 years.
- Implemented a KPI based interface for a construction-based client to compare different designs on Streamlit.
- Several strategies based on clients given entry and exit conditions in various markets were backtested.
- Build a full-fledged Employee Management System on Google Sheets using AppScript automations.

Projects

Indian Stock Market Screener Based on Volume and Momentum Indicators   ◉ Stock Market Screener
- Developed an entire Indian Market Screener based on volume and momentum based indicator.
- Performed data analysis and backtested it for past 8 years data.
- Obtaining an overall CAGR of 24.8%

UFC Match Prediction Optimized with betting Odds   ◉ UFC Prediction
- Used 12 years past data, for model training, testing and validation.
- Optimized result using betting odds and created 10+ strategies for a profit of more than 5% per game.
- Perform, runs test, t test and consistency test to randomize and get accurate results.

Sentiment Analysis of Reviews from Trust Pilot.   ◉ Sentiment Analysis
- Reviews scrapped from Trust Pilot for 3 years for further machine learning.
- Used tools like Weka and Orange for performing and machine learning analysis.
- Provided final trends of reviews of a particular company in graphical format for data visualization.

Technologies

Languages: Java, Python, C++, C, SQL (In order of proficiency).

Technologies: Git, Pandas, Docker, AWS (S3, EC2, SageMaker), AppScript

Other Relevant Info

Leetcode: 50+ questions

Codechef: 100+ questions.