Rohit Kshirsagar

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SUMMARY

As an undergraduate student in Artificial Intelligence and Data Science, I am a driven individual with a strong foundation in programming languages (Python, HTML, C++, C, CSS) and technical skills (SQL, Data Structures and Algorithms). I am particularly passionate about machine learning, deep learning, and AI, and I am eager to apply my skills and knowledge to real-world challenges. With a focus on problem-solving and analytical skills, I am confident in my ability to contribute to innovative projects and make a meaningful impact in the field of Artificial Intelligence and Data Science.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL,HTML,CSS

Libraries & Tools: NumPy, Pandas, Scikit-learn,Matplotlib,plotly

Web Development: Flask,HTML,CSS

PROJECTS

1. Power Supply Demand Forecasting
Python, Scikit-Learn, Matplotlib, Seaborn, GridSearchCV
- Forecasted energy demand using Random Forest, Gradient Boosting, and Linear Regression
- Cleaned and preprocessed time series data
- Visualized demand trends and feature correlations
- Achieved accurate predictions with an ensemble model (MSE: [insert Ensemble MSE value])
- Optimized Random Forest with GridSearchCV (MSE: [insert Optimized RF MSE value])

2. Stock Price Forecasting
Python, Streamlit, YFinance, Plotly, Matplotlib, Scikit-Learn
- Built a web app for stock price forecasting using Streamlit and YFinance
- Implemented linear regression for predictions
- Visualized stock price movements and actual vs predicted prices
- Achieved accurate predictions with a mean squared error of [insert MSE value]

3. URL Shortener
Python, Flask, Bitly API
- Developed a URL shortener using Flask and Bitly API
- Implemented a POST request to shorten URLs
- Used Flask to handle GET and POST requests
- Integrated Bitly API for URL shortening and returning the shortened link

EDUCATION

AISSMS IOIT, Pune
Pursuing Computer Science in Artificial Intelligence and Data Science

New High School Mains, Amravati
Completed 12th

CERTIFICATIONS

· The Complete Python Pro Bootcamp

· Database Programming with SQL

· Machine Learning A-Z (Python)