Sehar Ahmad

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Education

B.M.S. College of Engineering *Nov 2022 – Aug 2026*
Bachelor of Engineering in Information Science
- CGPA: 9.58/10
- **Coursework:** Data Structures and Algorithms, Computer Networks, Operating System

Projects

Second-Hand Car Price Prediction *Link* ↗
- Engineered ML model for used car price prediction using regression (XGBoost, Random Forest), optimizing data preprocessing, feature engineering, and outlier handling.
- Tools Used: Python, Scikit-learn, Pandas, Flask, Next.js

Stock Trading Platform *Link* ↗
- Developed a web-based stock trading platform for real-time simulation (buying/selling), integrating live market data APIs and interactive visualizations; implemented secure authentication, portfolio management, and transaction tracking.
- Tools Used: Python, Flask, SQLite, JavaScript, HTML, CSS, YFinance

Unix Shell Replica *Link* ↗
- Built a custom UNIX Shell in C, extending core functionalities to deepen UNIX environment system programming expertise.
- Tools Used: C

Technical Skills

Languages: C++, C, Java, Python, SQL, JavaScript

Web Development:
- Frontend: HTML, CSS, React
- Backend: Node.js, Express.js, REST APIs

Databases: PostgreSQL (Relational), MySQL (Relational), MongoDB (NoSQL)

Other Tools: Github, VS Code, Google Colab, Jira, Jupyter Notebook

Certifications

Data Structures in C++, Coding Ninja, Jan 2024

The Complete 2024 Web Development Bootcamp, Udemy, Sept 2024

Advanced Selenium Training, Infosys Springboard, Dec 2024

Achievements

CodeChef: Peak Rating- 1846

LeetCode: Peak Rating- 1743

- Achieved **Global Rank 75** out of 20,000+ participants in **CodeChef Starters 166 Div 3**
- Achieved **Global Rank 540** out of 25,000+ participants in **Leetcode Biweekly Contest 143**