Abhinav Singh Mehra
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About Me

Enthusiastic and self-motivated software developer with a solid foundation in SQL, Python, HTML, CSS, JavaScript, C, and C++. Experienced in working with databases such as SQL and PostgreSQL, and adept in Agile development practices. Skilled in data gathering, web scraping, and data visualization. Continuously improving my skills through online bootcamps and courses. A reliable team player with a strong ability to work independently when needed. Engages actively in the software development lifecycle, including configuration and modification, and stays updated with new technology trends through research and innovation.

Projects

MR.S | Movie Recommendation System
Technologies: Python, Streamlit
Developed a web-based recommendation system to suggest movies based on user preferences.

Weather Forecasting Application
Technologies: Python, Streamlit, Machine Learning
Created an application using machine learning and real-time data to provide accurate weather predictions.

Sales Forecasting Application
Technologies: Python, Streamlit
Built a web application to predict sales trends based on historical data.

Multiple Disease Prediction
Technologies: Python, XGBoost
Developed a model to predict various illnesses from a dataset, achieving an accuracy of 97.4%.

Personal Assistant
Technologies: Python
Created a voice-activated assistant for visually impaired users, providing functionalities like email writing, web searching, and translation.

Covid-19 Timeline Interactive Dashboard
Technologies: Power BI
Designed an interactive dashboard by analyzing and cleaning Covid-19 data using Power BI.

Education

B.Tech in Computer Science
Graphic Era Hill University, Dehradun (2020 - 2024)

Class XII
Naini Valley Senior Secondary School (2019 - 2020)

Class X
Naini Valley Senior Secondary School (2017 - 2018)

Skills

- **Programming Languages:** Python, C, C++
- **Databases:** MySQL, PostgreSQL
- **Web Development:** HTML, CSS, JavaScript, Flask
- **Data Processing:** Data Cleaning, Data Visualization, Data Analysis
- **Tools:** Streamlit, Power BI, XGBoost
- **Soft Skills:** Problem Solving, Team Player, Communication, Adaptability

Certifications

- Intro to Machine Learning - Kaggle
- Data Visualization - Kaggle
- Advanced SQL - Kaggle
- Intermediate Machine Learning - Kaggle
- Tableau Workshop Certificate

Experience

Data Science Intern
Remote

- Developed various data science projects and utilized development tools effectively.
- Completed assigned projects and collaborated with the team.

Web Developer Intern
Oasis Infobyte | Remote (Oct 2022 - Nov 2022)

- Developed a full-stack application allowing students to post problems, submit solutions, and rate problems.

Professional Interests

Data Science, Data Analytics, Machine Learning, Artificial Intelligence, Data Engineering, Software Development, Web Development, Web Design