

HUSSAM ABDUL RAHIM SOOMRO

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EDUCATION

Liverpool John Moores University

Bachelors of Science in Computer Science

Sep 2024 - PRESENT

Govt. Monotechnic Institute

Associate Diploma in Computer Information Technology

Aug 2021 - Aug 2024

EXPERIENCE

Engineering Intern

HinoPak Limited

Aug 2024 - Sep 2024

- Conducted detailed inspections of vehicles and components within the QA department, applying mechanical engineering principles to assess quality and ensure compliance with safety standards.
- Gained hands-on experience with torque testing and fastener integrity checks, enhancing technical accuracy and attention to detail for quality assurance in engineering applications.

Engineering Intern

Pakistan Petroleum Limited

Feb 2024 - Mar 2024

- Conducted thorough equipment inspections, ensuring compliance with industry standards and contributing to the overall reliability of operations.
- Collaborated closely with seasoned engineers, gaining invaluable hands-on experience in the complex and dynamic environment of the oil and gas industry, while honing essential skills for future professional endeavors.

Web Developer

Freelancer

Jan 2020 - Aug 2021

- Developed a visually appealing and user-friendly website using HTML, CSS, and JavaScript, ensuring seamless navigation across devices.
- Integrated MySQL database for efficient data management, enabling the storage and retrieval of event-related information.

PROJECTS

Movie Recommender System

Python, Streamlit, Pickle, Jupyter Notebook

Jan 2025 - Jan 2025

- Utilized content-based filtering with a cosine similarity matrix to recommend movies based on plot and feature similarity.
- Integrated TMDB API to fetch real-time movie details and posters dynamically.
- Designed a user-friendly interface that displays recommendations along with visually appealing movie posters.
- Optimized the backend to handle large datasets efficiently by leveraging pickle for serialization and loading similarity matrices.

TECHNICAL SKILLS

Languages: HTML, CSS, JAVASCRIPT, PYTHON, SQL, C/C++

Developer Tools: Git, VS Code, Visual Studio, PyCharm

Libraries: pandas, NumPy