Ashar Ali

Software Developer

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Professional Statement

A passionate web developer who loves building smooth digital experiences. Turning late-night bugs into polished UIs, console logs into happy clients, and messy ideas into clean, scalable full-stack solutions — powered by React, Node.js, and a love for coding and design.

Education

Bachelor's in Computer Science   **August 2023 - Present**
National University of Computer and Emerging Sciences (NUCES Lahore)

FSC Pre Engineering   **2021 - 2023**
Punjab Group of Colleges (Bahawalpur)

Projects

Movie Recommendation System | AI-Powered Full Stack Web App (Content-Based Filtering)
- Designed and built a modern React.js frontend with real-time movie search, infinite scrolling, modals, and dynamic watch/like lists to boost user engagement
- Integrated a basic content-based filtering machine learning algorithm through a Flask API with backend to deliver personalized movie recommendations based on genres and user preferences
- Connected TMDB API and optimized frontend state management using React Hooks to ensure fast, smooth data fetching, display, and seamless user interaction

Car Rental Management System | Full Stack Web App
- Built a full-stack car rental management system using the MERN stack with secure authentication, dynamic car listings, and real-time booking management
- Designed a responsive React.js frontend with smooth UI and integrated Node.js REST APIs for car, user, and booking operations

Real-Time Weather App | React App
- Built a responsive weather forecasting web app using React.js, Tailwind CSS and OpenWeatherMap API to deliver real-time temperature, humidity, and condition updates
- Integrated dynamic search, location-based weather detection, and clean UI with React Hooks for smooth user interaction and fast data updates

Technical Skills

- **Languages:** C, C++, JavaScript (ES6 +), Assembly (x86)
- **Web Development:** HTML/CSS, Tailwind CSS, React.js, Express.js, Node.js
- **Databases:** SQL (MySQL), Database Design
- **Tools**: Git/GitHub, Bash, Linux CLI (Ubuntu)

Achievement & Extras

- **Dean's Honor Certificate FAST NUCES, Fall 2024**
- **Open Source Contributor:** Made contributions to GitHub projects
- **Languages:** Proficient in English and Urdu; native fluency in Punjabi
- **Rapid Learner:** Quick to adapt and excel in new technologies and environments