

Sumaira Hafeez

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github.com/Sumairahafeez

Professional Summary

Passionate Frontend Developer with hands-on experience in React.js, JavaScript, and Tailwind CSS, specializing in developing interactive and responsive web applications. Proficient in API integration, state management, and UI/UX design. Strong foundation in data structures and algorithms, with expertise in hash tables, trees, and sorting algorithms. Enthusiastic about web scraping using Python Selenium and actively exploring computer networking concepts like routing and subnetting. Active Microsoft Learn Student Ambassador (MLSA), fostering technical learning and collaboration. Experienced in software engineering and web development training, with teaching assistant roles in programming courses.

Education

University of Engineering and Technology, Lahore, BS in Computer Science Sept 2023 – May 2027
• GPA: 3.87/4.0

Experience

Web Dev Trainee, Ustadam June 2024 – Jul 2024

- Engaged in a rigorous professional training course on web development that covered essential technologies such as .NET Framework and postgresql; applied skills to optimize project workflows, reducing development time by 15
- Built projects demonstrating React.js, Node.js, and database management.

Software Engineer at Headstarter July 2024 – Sep 2024

- Crafted an interactive personal portfolio site via React.js and Vite, integrating responsive design principles which resulted in a 40
- Deployed applications on GitHub Pages Vercel.
- Participated in mock interviews and contributed to code reviews feedback sessions.
- Completed a Software Engineering Fellowship.

Teaching Assistant at UET, Lahore Sep 2024 – continue

- Assisted in Programming Fundamentals (PF) and Object-Oriented Programming (OOP) courses.
- Conducted mentorship sessions for students, covering C++, JavaScript, and problem-solving techniques.

Executive Member at MLSA, UET Lahore Oct 2024 – continue

- Assisted in Conducting technical workshops and community events.
- Assisted peers in learning Computer concepts.

Projects

Solitaire-Game github.com/Sumairahafeez/Solitaire-Game

- Developed an interactive Solitaire game using React.js and Tailwind CSS. • Implemented state management for Tableau, Foundations, Stockpile, and Move Logic. • Improved rendering performance by handling deeply nested structures dynamically
- Tools Used: React.JS, Tailwind css, Data structures

Weather-App

github.com/Sumairahafeez/weatherapp

- Built a real-time weather application using React.js and OpenWeather API. • Focused on API integration, error handling, and dynamic UI updates.

- Tools Used: React.JS,OpenWeather API

Tourist-Guide System

github.com/Sumairahafeez/TourismGuide

- Developed a tourist guide app where locations are categorized using trees. • Used web scraping techniques to fetch location details from a CSV dataset.
- Tools Used: pyqt,openstreetAPI,matplotlib,networkx

Air Force Management System

<https://github.com/Sumairahafeez/AirForceManagementSystem>

- Developed a winform application based on object oriented programming concepts. • Used three tier architecture and mssql for carefully integrating and managing the system within airforce.
- Tools Used: C, winform, MSSQL

Xpense Tracker

github.com/SherMuhammadgithub/project-expense-tracker

- Architected a responsive Expense Tracker app utilizing React and SQLite technologies; facilitated team collaboration on the project as most junior member while enhancing usability with intuitive design features.
- Tools Used: React.JS, Tailwind css, sql lite

Technologies

Languages: C++, C,python,MSSQL,MongoDB, JavaScript,assembly

Technologies: .NET, Microsoft SQL Server, pyQT,Tailwind CSS,CSICO,KALI LINUX