ASAD MAJEED

muhammadasadmajeed2@gmail.com |+92 3441478458 | Peshawar, Pakistan

linkedin.com/in/muhammad-asad-a09381327| https://github.com/MuhammadAsadMajeed

PROFESSIONAL SUMMARY

Data Science student with strong expertise in Frontend Development and Data Analysis. Proficient in building responsive web applications using React.js, Tailwind CSS, and modern JavaScript frameworks. Experienced in data analysis and machine learning using Python libraries including Pandas, NumPy, Scikit-learn, and visualization tools. Skilled in database management across MongoDB, MySQL, and PostgreSQL. Self-taught developer with a proven ability to learn new technologies and deliver quality solutions.

EDUCATION

Bachelor of Science in Data Science
Institute of Management Sciences (IMS), Peshawar
2024- Present

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript (ES6+), C, C++, HTML5, CSS3
- **Frontend Development:** React.js, Tailwind CSS, Bootstrap, GSAP (GreenSock Animation Platform), Responsive Web Design
- **UI/UX Design:** Figma (Wireframing, Prototyping, Advanced Animations), User Interface Design, User Experience Principles
- **Data Science & Analytics:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), Machine Learning Fundamentals, Regression Models, Data Visualization, Statistical Analysis
- **Database Management:** MongoDB, MySQL, PostgreSQL, MS Access, Database Design, Query Optimization
- **Office & Productivity Tools:** Microsoft Word (Advanced), Microsoft Excel (In-depth - Pivot Tables, VLOOKUP, Macros, Data Analysis), Microsoft Access
- **Web Technologies:** DOM Manipulation, RESTful APIs, Responsive Design, Cross-browser Compatibility, Version Control (Git)
- **Soft Skills:** Problem-Solving, Self-Learning, Project Management, Analytical Thinking, Attention to Detail, Team Collaboration

PROJECTS

Social Media Feed Manager | C/C++

Built a high-performance social media backend system demonstrating real-world application of data structures and algorithms. Implemented Binary Search Trees for user indexing with O(log n) lookup time, Doubly Linked Lists for chronological feeds, and Priority Queues for notification management. Optimized

feed merging algorithm using Min-Heap, improving complexity from O(N log N) to O(N log K). Conducted comprehensive unit, integration, and regression testing ensuring system stability and scalability.

Personal Portfolio Website | React, TypeScript, Node.js

Developed a modern, responsive portfolio website using React, TypeScript, and Vite with smooth animations powered by Framer Motion. Implemented full-stack functionality with Node.js/Express backend for contact form handling, including form validation and API integration. Demonstrated expertise in frontend architecture, component-based design, state management, and seamless client-server communication.

Spotify Clone | HTML, Tailwind CSS, JavaScript

Created a functional music player interface with integrated local file support and API simulations. Implemented asynchronous programming for smooth playback controls and dynamic content loading. Built responsive UI using Tailwind CSS with focus on user experience and modern web design principles.

UI/UX Design Portfolio | Figma, HTML, CSS

Designed and developed multiple interactive web projects including personal portfolio and COVID-19 awareness page. Created wireframes and prototypes in Figma, then implemented clean, responsive interfaces using HTML, CSS, and custom animations. Emphasized accessibility, user-centered design, and cross-browser compatibility.

Library Management System | MS Access

Built a comprehensive digital system to automate library operations including book issue/return tracking, due date management, and automated fine calculation. Designed custom forms, complex queries, and detailed reports to streamline workflows and improve operational efficiency.

Grocery Store Sales Analysis | MS Excel

Performed in-depth sales data analysis to identify top-performing regions and seasonal trends. Cleaned and transformed raw data, created dynamic pivot tables, charts, and interactive dashboards for data visualization. Delivered actionable insights for business decision-making.

LANGUAGES
- English *(Professional Working Proficiency)*
- Urdu *(Native)*
- Pashto *(Native)*