

Asad Baig

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TECHNICAL SKILLS

Languages: SQL, Java, Javascript, Python, C/C++, HTML/CSS

Databases: MySQL, MongoDB, FireBase

Technologies: React, React Native, Node.js, Express.js, Git, GitHub, .NET, JUnit

EDUCATION

Air University

Bachelor of Software Engineering

Islamabad, Pakistan

2022 – 2026

EXPERIENCE

Frontend Developer Intern

Rex Technologies

June 2024 – August 2024

Lahore, Pakistan

- Developed and deployed responsive frontend components for a web application using React.js, enhancing user experience and performance.
- Collaborated with backend developers and designers to integrate APIs and ensure seamless UI/UX functionality.
- Gained hands-on experience with modern JavaScript frameworks, component-based architecture, and version control tools like Git.
- Conducted thorough testing and debugging using browser developer tools and Jest, improving front-end reliability and maintainability.

PROJECTS

Task Manager App | *React Native, Javascript, CSS*

- Designed and developed a mobile task manager app with a clean multi-tab navigation structure. Implemented responsive UI with CSS-based styling and reusable components. Demonstrated strong understanding of React's component hierarchy by passing props from child to parent. Focused on intuitive layouts and scalable, maintainable design.

Caliber Locksmith | *React, Node.js, Express.js, MongoDB*

- Developed "Caliber Locksmith," a fully responsive and interactive website using React, Node.js, Express.js, and MongoDB. The project included designing a user-friendly interface, implementing secure user authentication, and integrating RESTful APIs for efficient client-server communication. I focused on creating a scalable and maintainable architecture while ensuring optimal performance. The website features dynamic content rendering and CRUD operations tailored to the locksmith business needs. This project demonstrates my ability to build full-stack web applications with modern development tools and best practices.

E-commerce App | *React Native, Firebase*

- Developed a fully functional e-commerce mobile application using React Native with Expo and integrated it with Firebase Firestore for real-time data management. The app features an intuitive user interface that enables customers to browse products, add items to the cart, and place orders. Firebase Firestore handles user authentication, stores product data, and manages orders efficiently. It provides real-time updates on product availability, user data, and order status. The app ensures a seamless user experience across devices, with a responsive design optimized for both iOS and Android. Key features include secure login and registration through Firebase Authentication, a real-time database for dynamic updates, and a cart and order management system that allows users to add, remove, and track items.

JUnit Testing | *Java*

- Developed multiple Java applications in Eclipse, applying object-oriented principles and modular design. Used JUnit for testing to ensure code reliability. Showcasing core Java concepts like inheritance, file handling, and exception management. Gained hands-on experience in writing testable, maintainable code.

Simple Memory Game | *.NET, mySQL*

- Developed a simple memory-matching game using C and the .NET Framework with a focus on interactive gameplay and responsive UI. Integrated a SQL database to store player scores and game history, enabling persistent data tracking. Demonstrated skills in Windows Forms development, database connectivity, and event-driven programming.

CERTIFICATIONS

freeCodeCamp: JavaScript Algorithms and Data Structures

2024