Asad Baig

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TECHNICAL SKILLS

Languages: SQL, Java, Javascript, Python, C/C++, HTML/CSS
Databases: MySQL, MongoDB
Technologies: React, React Native, Node.js, Express.js, Git, GitHub, .NET, JUnit

EDUCATION

Air University   Islamabad, Pakistan
Bachelor of Software Engineering   *2022 – 2026*

EXPERIENCE

Frontend Developer Intern   June 2024 – Auguest 2024
Rex Technologies   *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.

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.

Gym Management System | *Java, NetBeans, mySQL*
- Developed a Gym Management System app in Java with a user-friendly interface and SQL database integration. The app manages member records, payments, and class schedules with features like registration, login authentication, and CRUD operations. It focuses on enhancing efficiency and providing a seamless user experience.

CERTIFICATIONS

freeCodeCamp: JavaScript Algorithms and Data Structures   2024