Ali Hamza

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Summary

Versatile Computer Science graduate with hands-on experience in web application development, data management, and system implementation. Skilled in delivering secure, efficient, and scalable solutions that optimize business operations. Strong problem-solving, teamwork, and analytical abilities, adaptable across banking, IT, and corporate sectors.

PROFESSIONAL EXPERIENCE

MERN Stack Trainee| Knowledge Streams   *(Oct – Dec 2024)*

- Gained proficiency in full-stack system development, focusing on operationally efficient applications.
- Developed scalable web solutions with emphasis on data accuracy, security, and reporting functionalities.
- Strengthened fundamentals in database management, algorithms, and backend services relevant to financial systems.
- Collaborated with cross-functional teams to deliver reliable, user-friendly system modules.

PROJECTS

LIBRARY MANAGEMENT SYSTEM(LMS)| Web Application

- Developed LMS, enabling users to download books, track downloads, and manage personal profiles.
- Implemented admin features to manage users, authors, and books, and track user downloads, including which books were downloaded and how often.
- Enabled authors to manage their books, track download statistics, and update book details.
- Utilized PostgreSQL, Express.js, React, and Node.js (MERN stack) for a scalable and full-stack solution.
- Contributed as a full-stack developer, working on both front-end and back-end development, integrating the database and optimizing the user interface for better usability.

RECIPE BOOK| Final Year| Web Application

- Developed a Recipe Book web application to streamline recipe management and social sharing for users and admins.
- Achieved enhanced functionality with recipe categorization, user registration, and search features.
- Utilized C#, .NET, SQL, and Tomcat for a responsive, full-stack solution.
- As a full-stack developer, handled both front-end and back-end tasks, including database integration and user interface design.

TECHNICAL SKILLS

Programming Languages: C#, JavaScript, SQL

Developer Tools: Visual Studio 2022, Visual Studio Code, Git, Tomcat, Postman

Frameworks: .NET, Express.js, React, Tailwind CSS

Databases: MySQL, MongoDB, Postgres

Other Skills: Microsoft Office (Word, PowerPoint, Excel)

PROFESSIONAL SKILLS

- Data Analysis & Reporting
- Problem-Solving & Critical Thinking
- System Development & Integration
- Attention to Detail
- Team Collaboration
- Process Optimization
- Effective Communication

TRAINING & CERTIFICATIONS

Responsive Web Design| Free Code Camp | Aug-2024

EDUCATION

Virtual University of Pakistan   (*2025*)

Bachelors in Computer Sciences