

MUHAMMAD HAMZA MUGHAL

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PROFESSIONAL SUMMARY

Detail-oriented and motivated Computer science student with hands-on experience in building full-stack web applications. Proficient in the MERN stack (MongoDB, Express.js, React.js, Node.js) and modern JavaScript frameworks. Proven ability to design, develop, and deploy responsive and user-centric solutions. Eager to apply my problem-solving skills and technical knowledge to a software engineering internship role.

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript
- **Frontend:** React.js, Redux Toolkit, Tailwind-CSS, HTML5
- **Backend:** Node.js, Express.js, RESTful APIs
- **Database:** MySQL, MongoDB
- **Tools & Platforms:** Git, GitHub, OpenAI API

PROJECT EXPERIENCE

PERSONAL PORTFOLIO WEBSITE | *Front-End Developer*

- Designed and deployed a responsive portfolio website to showcase projects and skills, achieving a perfect Lighthouse performance score.
- Implemented modern UI/UX principles to ensure a seamless and engaging experience for potential employers and clients

TRAVEL-APP | *Full-Stack Developer*

- Engineered a full-stack MERN travel application featuring destination exploration, an interactive map, and real-time weather updates, providing a seamless trip planning experience.
- Implemented a secure authentication system with OTP-based password recovery, enhancing user account security.

SHOPPING-MART | *Front-End Developer*

- Developed a single-page application e-commerce website using React.js and Tailwind CSS, resulting in a smooth and user-friendly shopping experience.
- Implemented core features including search, and a dynamic shopping cart with add/remove functionality using state management.

CUSTOM DASHBOARD | *Front-End Developer*

- Built a customizable React.js dashboard integrated with an AI assistant using OpenAI's GPT-3.5 API for real time query handling and support.
- Leveraged multiple external APIs (Weather, News) to create interactive widgets for Notes, and To-do List enhancing productivity and user engagement.

EDUCATION

Bachelors in Computer Science (BCS) | Expected 2026

Punjab University College of Information and Technology

- Current CGPA: 3.08

Faculty of Science (FSc) | 2021

Government College University, Lahore