

Maha Mohammad

MERN Stack Developer

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PROFILE SYMMARY

A self-taught Frontend Developer with a strong foundation in HTML, CSS, and JavaScript, along with expertise in web development and web design. Proficient in using React JS and version control system like Github. Passionate about creating responsive web designs, focusing on UX/UI design principles to enhance user experience. Seeking opportunities to leverage my skills in frontend and backend web development to contribute to innovative projects.

EXPERIENCE

MERN stack Intern

MAY 2024- JULY-2024

- Learned and implemented MERN stack technologies, integrating APIs for dynamic data handling and enhancing user experience. Engineered a dynamic web application using React JS as the front-end framework, enhancing user engagement by 40%.
- Developed and maintained backend architecture with Node.js and Express.js, streamlining data flow processes between the server and the client.
- Utilized MongoDB for efficient data storage and retrieval, engaged in daily problem-solving sessions with senior developers, that improved code efficiency by 40%, focusing on logic building to ensure robust and scalable solutions. Polished my skills to 60% during this internship.

PROJECTS

WORK PAUSE | Team Project

AUG 2024-SEP 2024

- Collaborated with a team of 3 developers, contributing to both frontend and backend development, improving user experience, and ensuring clean, maintainable code.
- Built a **responsive and dynamic UI** using **React**, while developing **RESTful APIs** with **Node.js**, **Express**, and **MongoDB** to manage backend functionality.
- Implemented key features such as leave application, approval/rejection workflows, and **role-based authentication** for Employee, HR, and Admin users.
- Integrated Cron jobs to automate monthly PDF report generation for approved leaves and reminders for pending approvals.
- Ensured **data persistence** and **security**, **optimizing** the application for scalability and a seamless **user experience** across devices.

LAAM | Personal Project

NOV 2023- FEB 2024

- Developed a web application with a JavaScript-based front-end framework React JS.
- Implemented responsive design principles for optimal cross-device performance.
- Utilized interactive components and animations to improve user experience.
- Enabled seamless page navigation and effective product showcasing using Restful API.

EDUCATION

Government College University Faisalabad

[Bachelor's Degree in Computer Science – CGPA 3.88/4.0 – *Expected Graduation June,2025*]

CERTIFICATIONS

Women in Tech Program by **atomcamp**, Faisalabad, Pakistan

ADDITIONAL HIGHLIGHTS

- Proven ability to learn new technologies quickly and adapt to evolving web development trends.
- Strong problem-solving and analytical skills, with a focus on delivering high-quality code.
- Excellent communication and teamwork abilities, demonstrated through successful project collaborations.

SKILLS

- Languages:** JavaScript, C++
- Technologies:** HTML, CSS, Tailwind CSS, React JS, Restful API, Node JS, MongoDB, Express
- Tools:** Github, Postman
- Development Areas:** Frontend Development, Backend Web Development, Responsive Web Design