Muhammad Farhan

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SOFTWARE ENGINEER (FULLSTACK)

PERSONAL PROFILE

Results-driven Full Stack Software Engineer with practical experience in the MERN stack (MongoDB, Express.js, React.js, Node.js). Specialized in building RESTful APIs, scalable full-stack applications, and deploying solutions to the cloud. Proficient in Agile workflows and version control. Known for optimizing backend performance and delivering clean, maintainable code with a focus on cross-platform development.

TECHNICAL SKILLS

- **Frontend**: React.js, HTML5, SCSS, Tailwind CSS
- **Backend**: Node.js, Express.js, RESTful API Development
- **Languages**: JavaScript, Java, C++, C#, Python, Assembly Language (x86)
- **Databases**: MongoDB, SQL
- **Concepts & Tools**: Git, GitHub, Agile, Postman, PyCharm, VS Code, Visual Studio

PROJECTS

Electronics E-Commerce Website | Live Demo

Built a scalable MERN stack platform supporting 500+ monthly users with secure payment integration.

UIIT Labs Expert System (Final Year Project (FYP) | Live Demo

Developed a real-time lab management system using React and Node.js, adopted by 10+ university departments.

Book Library App| GitHub

Full Stack app to store and manage book collections with user accounts.

Netflix Clone | GitHub

Responsive media streaming web app built using React.js.

Food App | GitHub

Full Stack food ordering application with real-time order management.

Auto Spare Parts Management System

Built a Windows app to manage spare parts inventory, print bills, and store data in SQL Server..

PROFESSIONAL EXPERIENCE

Software Developer Intern | Softwise Solution

Oct 2024 – May 2025

- Developed 3+ web applications using the MERN stack, focusing on front-end design with Tailwind CSS,SCSS and back-end APIs with Node.js and Express.js.
- Improved front-end responsiveness and optimized load times by 20%.
- Collaborated in an Agile environment, participating in daily stand-ups and sprint planning.
- Implemented MongoDB database structures and integrated cloud deployment pipelines.

EDUCATION

Bachelor of Science in Computer Science

Arid Agriculture University, Rawalpindi (2021 – 2025)

Higher Secondary School Certificate (FSc Pre-Engineering)

Punjab College BharaKahu, Islamabad (2019 – 2021)

Matriculation in Science

Karlot Residential College Chattar , Islamabad (2017 – 2019)