

Muhammad Abdul Rehman

Software Engineer | Full Stack Developer | MERN Stack Developer

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Professional Summary

Full Stack Developer and Software Engineer experienced in scalable web and mobile applications using React.js, Next.js, React Native, Node.js, Express.js, MongoDB, Supabase, Firebase, REST APIs, and Tailwind CSS. Skilled in responsive UI development, API integration, backend development, database management, performance optimization, eCommerce platforms, real-time chat systems, and AI-based applications.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, C++, SQL

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, Redux, Responsive Design, UI/UX Implementation

Backend: Node.js, Express.js, REST APIs, API Integration, Authentication, Server-Side Development

Databases: MongoDB, MySQL, Supabase, Firebase

Mobile: React Native, Expo, Cross-Platform Apps

Cloud/DevOps: Azure, Docker, CI/CD, GitHub Actions

Tools: Git, GitHub, Postman, VS Code, Figma

Work Experience

Lipsum Technologies Pvt. Ltd.

12/2024 – Present

Web Developer (Part Time)

Remote / Attock, Pakistan

- Built and optimized 3 scalable web applications using React.js, Next.js, Tailwind CSS, and reusable components, improving system performance by 30%.
- Integrated RESTful APIs serving 500+ daily requests and improved reliability, UI/UX, responsiveness, and page load time by 25%.

Digital Empowerment Network (DEN)

07/2025 – 09/2025

Web App Developer Intern

Remote

- Engineered 2 responsive eCommerce platforms using React.js and Node.js with optimized frontend architecture and reusable components.
- Refactored UI components, enhanced responsiveness, integrated APIs, debugged modules, and improved user experience across screen sizes.

Developers Hub Corporation

06/2025 – 07/2025

Full Stack Developer Intern

Remote

- Developed full-stack MERN applications including eCommerce modules and real-time chat systems using React.js, Node.js, Express.js, MongoDB, and REST APIs.
- Improved backend API efficiency and reduced latency through optimized database queries, request handling, authentication flows, and server-side logic.

Projects

Awaam Assist – Government Schemes Finder and Eligibility Checker (Final Year Project)

Developed a web-based FYP for scheme discovery, profile management, rule-based eligibility checking, admin management, scholarships, healthcare schemes, and loan-related assistance.

The Culture – eCommerce Website (React.js, Web Development)

Built a responsive eCommerce website for women dresses, beauty products, and jewellery with product listings, category browsing, modern UI, smooth navigation, and scalable frontend components.

TrustPay Shield – AI-Based Fraud Detection System (AI Application)

Designed an AI-based fraud detection system for real-time transaction analysis, suspicious activity detection, abnormal pattern monitoring, and secure digital payment workflows.

BuildFlow Pro – Construction Workflow Management Platform (Full Stack Development)

Created a construction workflow management platform for team coordination, task automation, project tracking, workflow visibility, and operational management.

Business Nexus – Real-Time Chat and Business Networking Application (MERN Stack)

Developed a real-time MERN chat application with authentication, role-based dashboards, investor and entrepreneur profiles, MongoDB operations, backend APIs, and WebSocket messaging.

Education

COMSATS University Islamabad, Lahore Campus

09/2022 – 06/2026

Bachelor of Software Engineering

Lahore, Pakistan

Punjab College of Science

06/2020 – 09/2022

Intermediate – Pre-Engineering

Punjab, Pakistan

Relevant Coursework

Data Structures, Algorithms Analysis, Software Engineering, Database Management, Artificial Intelligence, Web Technologies, Computer Networks, Cloud Computing

Certifications

AWS Cloud Practitioner | Oracle Certified Foundations Associate | Google Cloud Fundamentals – In Progress

Additional Information

Languages: English, Urdu, Punjabi **Work Preference:** Remote / On-site **Interests:** Web Development, AI Applications, Mobile Apps