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

10Pearls **07/2026 – 09/2026**
MERN Stack Intern – Shine Internship Program 2026 *Remote / Lahore, Pakistan*
- Developed and integrated full-stack web application features using MongoDB, Express.js, React.js, and Node.js, working with RESTful APIs, database operations, and authentication workflows.
- Applied Git/GitHub, code reviews, debugging, API testing, logging, and collaborative development practices in a fully virtual environment.

Lipsum Technologies Pvt. Ltd. **05/2025 – 04/2026**
Web Developer (Contract) *Remote / Islamabad, 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.

Lipsum Technologies Pvt. Ltd. **12/2024 – 04/2025**
Web Developer Intern *Remote / Islamabad, Pakistan*
- 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, 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.

AI Finance Prep – AI-Powered Interview Preparation Platform *(Frontend Development)*
Developed an AI-powered interview preparation platform for personalized coaching, mock interviews, AI-generated feedback, progress tracking, and question library management.

LeadFnF – Privacy-Friendly Web Analytics Platform *(Frontend Development)*
Developed a privacy-friendly web analytics platform for session replay, click heatmaps, conversion funnel analysis, real-time visitor tracking, and user behavior insights.

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

Business Communication and AI for Professionals | Oracle Certified Foundations Associate | Google AI Essentials | Analyze Sentiment with Natural Language API

Additional Information

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