

Muhammad Sohail

Full Stack Developer

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Summary

Passionate Full Stack Developer with hands-on experience building responsive, scalable, and user-focused web applications. Proven track record of optimizing API performance by 35% and deploying production applications serving 500+ users. Strong focus on writing clean, maintainable code and implementing efficient integrations between frontend and backend systems.

Education

Bachelor of Science in Computer Science (BSCS)

2020 – 2024

Virtual University of Pakistan

Islamabad, Pakistan

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Software Engineering, Web Technologies, Computer Networks
- Final Year Project: Developed AI-powered study assistant using React.js and Python Flask (Grade: A)

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, Tailwind CSS, Shadcn/UI, HTML5, CSS3, Responsive Design

Backend: Node.js, Express.js, Firebase Cloud Functions, REST API Design, Authentication & Authorization

Databases: Firebase Firestore, MongoDB, Database Security Rules

DevOps & Tools: Git, GitHub, VS Code, Vercel, Netlify, CI/CD Pipelines, Agile/Scrum

Work Experience

Full Stack Web Developer

Sep 2024 – Present

Elabd Technologies

Remote

- Architected and deployed 3 full-stack applications using React.js, Node.js, and Firebase Cloud Functions, serving 500+ monthly active users with 99.9% uptime
- Improved API response times by 35% through query optimization, efficient caching strategies, and Firebase indexing, enhancing overall application performance
- Implemented dynamic, responsive interfaces with Tailwind CSS and Shadcn/UI, reducing mobile bounce rate by 25% and ensuring modern design patterns
- Integrated Firebase Authentication with role-based access control (RBAC) using Redux for state management, securing user data for 1000+ registered accounts
- Collaborated with 4-person development team using Git workflows and CI/CD pipelines, achieving zero-downtime deployments on Vercel and Firebase

Full Stack Developer Intern

May 2024 – Jul 2024

Ezitech Institute

Islamabad, Pakistan

- Collaborated on 2 client projects using React.js and Node.js under senior developer mentorship, delivering features 20% ahead of schedule
- Strengthened fundamentals in RESTful API design, Redux state management, and component-based frontend architecture
- Gained practical experience with Firebase ecosystem (Auth, Firestore, Cloud Functions) and team-based version control workflows using Git/GitHub

Featured Projects

Boukak – Loyalty Rewards Platform | [🔗 Live Demo](#)

- Built digital loyalty platform enabling 5+ local retail shops to issue and track customer stamps digitally, replacing paper-based systems
- Implemented real-time Firestore updates with complex security rules and Cloud Functions, achieving 100% elimination of unauthorized data access
- Designed role-based dashboard for shop owners with analytics on customer engagement and redemption patterns
- **Technologies:** React.js, TypeScript, Firebase (Auth, Firestore, Cloud Functions), Tailwind CSS | **Deployed:** Vercel + Firebase

CoachHub – Fitness Coaching Platform | [🔗 Live Demo](#)

- Developed comprehensive fitness coaching platform for managing 50+ clients, custom workout plans, and progress tracking
- Integrated photo submission forms, progress metrics visualization, and nutrition tracking using Firebase Cloud Functions and Storage
- Implemented coach dashboard with client management, workout builder, and automated progress reports
- **Technologies:** Next.js, Firebase, Firebase Cloud Functions, Redux, Tailwind CSS, Recharts | **Deployed:** Vercel