Muhammad Hanzala

Fullstack Developer

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Github: /MuhammadHanzalaDev | Portfolio: hanzala.dev

Professional Summary

Full Stack MERN Developer with hands-on experience building and maintaining production-grade SaaS and client-facing applications. Strong background in React, Node.js, PostgreSQL, MongoDB, and secure payment integrations (Stripe, PayPal). Experienced in owning features end-to-end, optimizing performance, and delivering scalable solutions in fast-paced environments.

Skills

Programming Languages: JavaScript, TypeScript.
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux, Zustand
Backend: Node.js, Express, Mongoose, Prisma, Socket.io
Database: MongoDB, PostgreSQL
Tools: Git, GitHub

Experience

Fullstack Developer • Full-Time　　　　　　　　　　　　　　　　　　　Apr 2025 – Present
Technoholic Advance Solutions　　　　　　　　　　　　　　　　　　　　　　　Houston, TX

- Contributed as a Full Stack Developer to a real time Saas platforms, building interactive frontends, secure backend APIs, and managing complex data flows.
- Designed and implemented secure authentication with JWT access/refresh tokens and 2FA, improving account security and session reliability.
- Built a secure file upload system using AWS S3 and temporary credentials, ensuring controlled access and data protection.
- Integrated Stripe and PayPal for payments, including checkout, refunds, and webhook automation.
- Collaborated with UI/UX designers to implement consistent, responsive and pixel perfect layouts across devices.
- Enhanced property listings with Google Static Maps, improving user engagement and visual clarity.

Fullstack Developer • Contract　　　　　　　　　　　　　　　　　　　Oct 2024 – Mar 2025
Unique Advertisers　　　　　　　　　　　　　　　　　　　　　　　　　　　Karachi, Sindh

- Developed and maintained multiple client facing web applications for a service based company, handling both frontend and backend independently.
- Optimized an AI Music Distribution Platform by improving MongoDB queries, fixing React TypeScript issues, and using built in memoization techniques to enhance performance and usability.
- Enhanced frontend responsiveness through input debouncing and state optimization, reducing unnecessary API traffic.
- Implemented code splitting across projects, resulting in cleaner, more maintainable, and faster loading applications.
- Rebuilt the company's official website using React and Tailwind CSS, improving performance, mobile responsiveness, and user experience.
- Collaborated with UI/UX designers to implement consistent, responsive layouts across devices.

Education

BS Software Engineering　　　　　　　　　　　　　　　　　　　　　Sep 2025 – Sep 2029
Virtual University of Pakistan　　　　　　　　　　　　　　　　　　　　　　Karachi, Sindh

Certifications

Diploma in Information Systems Management (DISM)　　　　　　　　Sep 2023 – Oct 2024
Aptech Pakistan　　　　　　　　　　　　　　　　　　　　　　　　　　　Karachi, Sindh

- Collaborated in a team to develop a full stack lawyer finding platform featuring separate portals for users and lawyers, with authentication, role based access control, search, and profile management.

Projects

Digital Tenant

- **Tools:** React, Node.js, Express, MongoDB, AWS S3, Stripe
- Built a full-stack property management platform with role-based access for landlords, tenants, and service providers.
- Implemented Stripe payments for recurring and one-time invoices with secure backend APIs.
- Designed REST APIs for property, lease, and document management, including secure file uploads.
- Improved user experience with notifications, dashboards, and automated workflows.

Spade Rent

- **Tools:** React, Next.js, Node.js, Express, MongoDB
- Contributed to a real estate rental platform with separate landlord and tenant portals.
- Implemented property listings, tenant onboarding, and image uploads.
- Built secure backend APIs and integrated Google Static Maps for property visualization.