

# Muhammad Hanzala

## Fullstack MERN Developer

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Github: /MuhammadHanzalaDev | Portfolio: hanzala.dev

### Professional Summary

Full Stack MERN Developer with experience in building web applications from small projects to business level platforms. Skilled in both frontend and backend development, with a focus on creating clean user interfaces, handling complex layouts, and optimizing APIs for performance. Quick to learn new technologies and experienced in working with cross functional teams while also comfortable taking ownership of features and projects, to deliver reliable solutions.

### Skills

**Programming Languages:** JavaScript, TypeScript, C++

**Frontend:** HTML5, CSS3, Tailwind CSS, Bootstrap, React.js, Next.js, Redux, Zustand, Material-UI, Ant Design, DaisyUI, ShadcnUI

**Backend:** Node.js, Express, Mongoose, Prisma, Socket.io

**Database:** MongoDB, PostgreSQL

**Tools:** Git, GitHub

### Experience

#### Fullstack Mern Developer • Full-Time

*Technoholic Advance Solutions*

Apr 2025 – Present

*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.
- Implemented secure authentication and Two-Factor Authentication (2FA) using JWT access and refresh tokens.
- Managed file uploads and secure access using AWS S3 with temporary credentials.
- 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

*Unique Advertisers*

Oct 2024 – Mar 2025

*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.

#### Frontend Developer • Internship

*Arc Inventador*

Feb 2024 – Sep 2024

*Karachi, Sindh*

- Collaborated with designers and backend developers to build real world projects in a fast paced, team oriented environment.
- Developed dynamic UI components such as profile and cart pages using React.js and Tailwind CSS, improving usability, responsiveness, and page performance.

## Education

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**BS Software Engineering**  
*Virtual University of Pakistan*

Sep 2025 – Present  
*Karachi, Sindh*

**Intermediate Pre-Engineering**  
*Adamjee Science College*

Aug 2022 – Aug 2024  
*Karachi, Sindh*

## Certifications

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**Diploma in Information Systems Management (DISM)**  
*Aptech Pakistan*

Sep 2023 – Oct 2024  
*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.