

Muhammad Rehan Ali

Full Stack Developer

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Summary

Full Stack Developer building production web apps. Leading development of Mentr's LMS and e-commerce platform serving 10K+ monthly active users for MDCAT prep across Pakistan. 15+ projects shipped across SaaS, e-commerce, and AI tools. Stack: React, Next.js, TypeScript, Python, FastAPI, PostgreSQL.

Skills

Front end: React, Next.js, Astro.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, Python, FastAPI, MongoDB, PostgreSQL, Firebase, Sanity CMS

DevOps: GitHub, GitLab, Vercel, Netlify, Firebase Hosting

Tools: Redis, REST APIs, Postman, pgAdmin

Experience

MENTR

Full stack Web Developer

Lahore, PK
June 2025 - Present

Edtech startup for MDCAT test preparation.

- Architected and shipped end-to-end LMS serving 10K+ monthly active users, using Next.js, Node.js, and PostgreSQL with Redis caching for sessions and frequently accessed content
- Engineered a high-concurrency quiz engine that processed 1M+ requests for 20k+ concurrent users, featuring real-time leaderboard generation across 3+ geographic and academic dimensions.
- Optimized platform performance by reducing page load times 86% (5s to 0.7s) through the implementation of Next.js SSR and edge caching, resulting in improved user retention.

Astute Technologies

Web Developer

Bahawalpur, Pakistan
July 2023 - June 2025

Web development and design firm.

- Delivered 10+ full-stack client projects, including e-commerce platforms and admin dashboards, by managing the end-to-end lifecycle from requirement gathering to deployment using Next.js and Tailwind CSS.
- Built Silver Score, a full-stack soccer tournament management platform with an admin panel for creating tournaments, registering teams, and scheduling matches, plus a public app where users track live scores, stats, and standings
- Managed end-to-end delivery for 10+ clients, reducing senior architect workload by 30% through autonomous requirement gathering and project scoping.

BlackByte

Part-Time Web Developer (remote)

London, UK
Sep 2024 - Dec 2024

London-based software solutions startup.

- Architected a high-performance corporate site using Next.js and SSR, achieving a 95+ Lighthouse SEO score and reducing First Contentful Paint by 40%. Translated Figma designs into responsive, accessible React components, collaborating with the UK-based design team across time zones

Projects

MENTR | mentr.pk

Full-stack LMS and e-commerce platform for MDCAT preparation, serving 10K+ monthly users across Pakistan

Imagify | imaginify-rho-lilac.vercel.app

AI-powered image editing tool with background removal, auto-fill, color removal, and object detection. Built credit-based usage system with Stripe payments and user auth. Stack: Next.js, TypeScript, Cloudinary AI, Clerk, MongoDB

ShipPacks | shippacks.com

Real-time order tracking platform for users and delivery drivers with live status updates, route visualization, and driver assignment. Stack: Next.js, Firebase Firestore real-time listeners, [Mapbox/Google Maps], Tailwind

StoreIt | storage-management-solution.vercel.app

Cloud-based file storage platform with real-time access, sharing, and search across file types, handling files up to 10MB. Stack: Next.js, Appwrite, TypeScript, Tailwind

Education

The Islamia University of Bahawalpur

Bachelor of Science in Computer Science

Aug 2021 - June 2025