

TALHA SAJID

Full-Stack MERN Developer

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PROFILE SUMMARY

Certified Full-Stack MERN Developer with hands-on experience building 4+ production-ready applications. Strong problem-solver with 250+ LeetCode solutions and a solid foundation in data structures and algorithms. Proficient in modern web technologies including Next.js, TypeScript and real-time systems, and offers freelance, remote web development and AI integration services.

TECHNICAL SKILLS

Frontend	React, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Tailwind CSS, Styled Components, Chart.js, Recharts
Backend	Node.js, Express.js, REST APIs, JWT Auth, Prisma ORM, Socket.io, Nodemailer, Multer
Databases	MongoDB, PostgreSQL, MySQL, Redis
Cloud & DevOps	Vercel, Cloudinary, Firebase, Appwrite, Git / GitHub, Postman
Security	Helmet.js, CORS, XSS protection, Rate limiting, Bcrypt, Input validation
Also	Data visualisation, PDF generation, QR codes, Cron jobs, Responsive design

KEY PROJECTS

Mobile Bio Lab

Next.js · Node.js · PostgreSQL · Prisma · Redis

Enterprise-grade lab management system with role-based access for admins, lab technicians and patients.

- Real-time lab reservations with QR code and BLE equipment tracking
- Interactive Chart.js dashboards and automated PDF reports
- Redis caching in front of PostgreSQL via Prisma

Multi-Vendor Marketplace

MongoDB · Express · React · Node.js · Socket.io

Full-featured e-commerce marketplace supporting multiple vendors and customer accounts.

- Real-time vendor–customer chat with Socket.io
- Order management with status tracking and email notifications
- Secure payment gateway and inventory management

Real Estate Platform

MongoDB · Express · React · Node.js · Cloudinary

Property listing platform with advanced search and filtering, built mobile-first.

- Multi-image uploads optimised through Cloudinary
- Secure JWT-based authentication and authorisation
- Fully responsive UI in Tailwind CSS

Learning Management System (In progress)

Next.js · TypeScript

Comprehensive LMS with course creation, enrolment, video delivery and progress tracking.

- Role-based dashboards for instructors, students and admins
- Video content delivery and progress tracking
- Type-safe end to end with TypeScript

EDUCATION

BS in Information Technology

Virtual University of Pakistan · 2022 – 2026

CERTIFICATIONS

MERN Stack Development

Dev Weekend · Issued Sep 15

LANGUAGES

English — Professional

Urdu — Native

ACHIEVEMENTS & PROBLEM SOLVING

- **250+ LeetCode problems solved:** Solid foundation in arrays, linked lists, trees, graphs, dynamic programming and sorting algorithms.
- **System design:** Understanding of scalable architecture patterns, database design and API development best practices.
- **Technical interview ready:** Experienced in coding interviews, technical problem-solving and communicating solutions clearly.