

# Muhammad Owais Ahmed

## MERN Stack Developer | React Native & Next.js | Web & Mobile Applications

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Frontend-focused developer with 3+ years building production React.js, React Native, and Next.js applications, backed by hands-on full-stack MERN experience — including independently architecting and deploying a complete Node.js/Express/MongoDB backend for a 300+ user academic platform. Shipped apps on Google Play Store (500+ downloads) and delivered measurable performance gains (~30% faster page loads via code splitting). Comfortable owning a feature end-to-end: UI, API integration, backend logic, and deployment (Vercel, Railway, MongoDB Atlas).

## Skills

**Core:** JavaScript (ES6+), React.js, Next.js, React Native, HTML5, CSS3

**Backend:** Node.js, Express.js, MongoDB, Mongoose, RESTful API Design, MERN Stack

**Styling:** Tailwind CSS, Ant Design, Bootstrap, Styled Components

**State:** Zustand, Redux, Context API, React Hooks

**Auth & Cloud:** JWT Authentication, Cloudinary, MongoDB Atlas

**DevOps:** Vercel, Railway, GitHub Actions (CI/CD), Git, GitHub

**Tools:** Postman, Figma (design handoff), VS Code

## Experience

### Frontend Developer | React & React Native

Jun 2025 – May 2026

*Dynamics Technology Systems*

- Developed and deployed React Native mobile applications with responsive UI, API integration, and optimized performance across Android platforms.
- Developed responsive React.js web portals with measurable performance improvements including ~30% reduction in page load time through code splitting and lazy loading.
- Designed and built reusable component libraries using Ant Design and CSS3, ensuring consistent UI across all screen sizes and platforms.
- Integrated complex REST APIs and third-party services to enable real-time data synchronization between web and mobile platforms.

### Freelance Full Stack Developer (MERN & React Native)

Jul 2023 – Present

- Delivered production-ready MERN stack (MongoDB, Express.js, React.js/Next.js, Node.js) web applications and React Native mobile apps for 3+ clients, meeting all technical requirements and deadlines.
- Independently architected and shipped a complete MERN stack backend (Node.js, Express.js, MongoDB) for an academy management client project, handling deployment on Railway and Vercel.
- Integrated third-party APIs including Maps and Social Auth, and provided ongoing technical guidance to clients.

## Education & Certificates

Bachelor of Science in Computer Science

Currently In 6<sup>th</sup> Semester | Expected in May 2027

*Orasoft Training Institute*

Diploma In Computer Information Technology

2020 – 2022

*Sindh Board of Technical Education*

Web & App Mobile Course

2022-2023

*Saylani Mass IT Training*

## Projects

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### **Azhaar-ul-Islam Academy - Full-Stack Academic Platform**

- Independently designed and delivered a production-grade academic management system serving 300+ users, comprising a React.js admin portal, React Native mobile app (published on Google Play Store – 500+ Downloads), and Node.js/Express/MongoDB backend.
- Architected secure REST APIs with JWT authentication, Cloudinary media storage, and Multer file handling; deployed backend on Railway and admin portal on Vercel with GitHub CI/CD.
- Built core modules: student enrollment, fee management, teacher salary system, exam results, announcements, Q&A community feed, and certificate generation — all from scratch.
- Sole developer across the entire stack: UI/UX design, frontend, backend, deployment, and DNS configuration.

### **Fresh Gold Store — E-Commerce Web Platform & Admin Dashboard**

- Independently designed and developed a full-stack Next.js e-commerce platform for a brand, including customer-facing storefront and a companion admin dashboard — both integrated with an Express.js/MongoDB backend.
- Built a hybrid guest/logged-in cart system using Zustand, with localStorage persistence for guests and backend API sync with merge-on-login for authenticated users.
- Built an admin dashboard (Next.js) with real-time stats, order status tracking, low-stock alerts, top products, and new customer analytics across 5 API endpoints.
- Implemented technical SEO: Google Search Console verification, structured data (JSON-LD, GroceryStore schema), dynamic XML sitemap generation, and Google Business Profile setup.
- Resolved deployment and domain configuration issues on Vercel, including apex domain redirects and DNS setup via Namecheap.

### **Changan Pakistan — Automotive Companion Mobile App**

- Contributed as a mobile developer on the official React Native app for Changan Pakistan (Master Changan Motors Ltd.), an automotive companion platform published on the Google Play Store.
- Built and maintained UI modules for vehicle catalog browsing, service appointment booking, and dealership finder features with responsive, production-grade UI.
- Collaborated within a team environment at Dynamics Technology Systems, contributing to feature development and bug fixes for a live production app serving real customers.