

MUHAMMAD REHMAN

Full Stack Developer | React.js/ Next.js/ React Native

+92-342-5221720 | rehmanattcock30@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Objective

Full Stack Developer with 1+ year of experience building enterprise applications using Next.js, React.js, and PostgreSQL. Currently at DnDsol Software House, delivering scalable multi-tenant systems with real-time features, background processing, and cloud integration. Certified MERN Stack Developer proficient in Next.js, React.js, React Native, Node.js, PostgreSQL, Prisma, Redis, Docker, and Azure. Passionate about creating efficient, user-friendly solutions that drive business value.

Technical Skills

Languages: JavaScript, TypeScript, PHP, SQL, HTML5, CSS3

Frontend: React.js, Next.js, React Native (CLI), Bootstrap, TailwindCSS

Backend: Node.js, Express.js, Laravel, Prisma ORM

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps & Tools: Docker, Git, GitHub, Azure Blob Storage

Real-Time: WebSocket (ws), pg-boss (Job Queue)

Other: REST APIs, Context API, NextAuth.js, SDLC, Multi-Tenant Architecture

Education

Barani Institute of Information Technology (BIIT)

BS Computer Science (CGPA: 3.48)

Rawalpindi, Pakistan

Sep 2021 – Jul 2025

Professional Experience

Full Stack Developer (full time)

Sep 2025 - present

Company: DndSol

Location: Islamabad, Pakistan

- Developed Exposaas, an enterprise-grade vehicle management platform serving multiple dealerships with complete lifecycle management from auction to sale.
- Built real-time notification system using WebSocket. Implemented background job processing with pg-boss for automated PDF invoice generation.
- Designed and implemented a multi-tenant PostgreSQL database schema with Prisma ORM.
- Containerized the entire application stack with Docker for consistent deployment across development and production environments.

React.js Developer (Internship)

Aug 2024 - Oct 2024

Company: ItSolera PVT LTD

Location: Islamabad, Pakistan

- Developed responsive web pages using React.js, JavaScript, and Bootstrap, improving mobile usability.
- Integrated REST APIs for real-time course and assignment data, enhancing data accuracy.
- Refactored components to increase modularity and scalability.
- Collaborated with UI/UX designers to deliver pixel-perfect responsive designs.
- Optimized API calls and **data handling logic**, reducing load time and improving app performance.

Projects

Exposaas – Enterprise Vehicle Management Platform

Next.js, PostgreSQL, Prisma, Redis, WebSockets, Docker | DndSol

- Designed and developed a complete vehicle management system covering the entire lifecycle, from auction purchase to customer sales, payment handling, and automated invoicing.
- Implemented a multi-tenant architecture to support multiple companies with role-based access control and fine-grained permissions.
- Built a background job processing using **pg-boss** for invoice PDF generation, bulk notifications, and heavy data processing tasks.
- Developed a real-time notification system with **WebSockets**.
- Integrated **Azure Blob Storage** for secure storage and controlled access to vehicle documents and files.
- Improved operational efficiency by achieving a **99.9% job success rate**, removing manual calculation errors, and saving over **20+ hours per week per company**.

Last Mile Delivery System

React Native (CLI), Laravel, Mapbox | FYP

- Built a full-stack mobile delivery platform with role-based dashboards for **Customers, Vendors, and Riders**.
- Implemented real-time order tracking and navigation using **Mapbox**, improving delivery route accuracy.
- Developed dynamic pricing logic using the **Haversine formula** to calculate distance-based delivery charges.
- Managed global app state using **React Context API** and delivered a smooth, mobile-first user experience.
- Worked in a team using **Git/GitHub** with structured, issue-based commits to ensure clean and traceable version control.

Learning Management System (Internship Project)

React.js, Node.js | ItSolera

- Developed a web-based LMS for managing student attendance, courses, and assignments.
- Built a responsive React frontend and integrated RESTful APIs for real-time data management.
- Improved internal workflow automation for instructors and administration staff.

Footwear Web Store

React.js, Bootstrap

- Created an e-commerce web application featuring product filtering, shopping cart, and checkout flow.
- Implemented secure cart management and payment workflow with a responsive UI for all devices.

BIIT Official Website

React.js, Bootstrap

- Developed a fully responsive static website for BIIT using React and Bootstrap.
- Ensured clean UI, cross-browser compatibility, and fast page load performance.

Certifications

MERN STACK DEVELOPER Certification (NAVTTCSUMMER CODE)

Apr 2023 - May 2024