ABDUL REHMAN

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SUMMARY

Full-Stack & AI-Native Developer with 1–2 years of experience architecting end-to-end web apps and SaaS platforms. Expert in leveraging AI workflows for rapid 0-to-1 prototyping, backed by strong MERN/Next.js engineering to refine, secure, and optimize code for production-grade performance. High adaptability to quickly learn and integrate new technical tools as needed.

Experience

Freelance Full-Stack & AI Developer | Aug 2025 – Present

Self-Employed | Karachi, Pakistan

- End-to-End Application Delivery: Architected and deployed production-grade web applications using AI-driven workflows combined with custom Next.js, React, and Node.js infrastructure.
- Production Hardening & Optimization: Engineered custom authentication systems, Nodemailer integrations, and secure API architecture on top of AI-generated codebases.
- Performance & Scalability: Refined client codebases for mobile responsiveness, SEO, fast load times, and database query optimization.

PROJECTS

MaintainIQ - AI-Powered QR Maintenance Platform (Next.js) | July 2026

- Rapidly prototyped core platform UI using AI workflows (Vibe Coding), then custom-engineered production-grade authentication, Nodemailer setup, and Next.js backend architecture.
- Integrated Gemini AI for automated triage, processing raw complaints into structured JSON data (priority, category, initial diagnostics).
- Developed dynamic QR code routing that auto-generates secure, non-auth public asset pages for instant user issue reporting.
- Implemented granular multi-role RBAC (Role-Based Access Control) allowing Admins/Supervisors to manage assets and assign tasks, while restricting Technicians to their assigned issues.

PostHub Social Platform (React + Supabase (SQL)) | Jan 2025 - Apr 2026

- Developed full CRUD architecture with dynamic token handling and optimized real-time state synchronization using Supabase subscriptions.
- Solved complex UI reactivity challenges to ensure zero-latency state updates for interactive user actions.

EDUCATION & TRAINING

Saylani Mass IT Training (SMIT) - Modern Web App Development | Completed July-2026

- Hands-on full-stack development, Agile methodology, and industry-standard coding workflows.

Cisco Networking Academy - Web Development | Completed 2025

TECHNICAL SKILLS

AI & Vibe Coding Workflows:

- Cursor IDE, Claude, Gemini, ChatGPT
- Prompt Engineering
- Rapid Prototyping
- AI Code Generation
- Production Refinement

Frontend :

- JavaScript, TypeScript (ES6+)
- Axios
- React, Next.js
- HTML5, CSS3
- Bootstrap, Tailwind, Vanilla CSS
- Context API, Redux Toolkit

Backend/Cloud :

- Node.js, Express.js, Next.js API
- MongoDB, Mongoose, Redis
- Supabase (SQL), Firebase
- Custom JWT Auth, Nodemailer, Multer
- WebSockets / Socket.IO
- AWS, Docker, Hostinger (Basics)

Tools & Platforms :

- Git, GitHub (CI/CD Pipelines)
- Vercel, Postman, Cloudinary