



# Muhammad Umer

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## SUMMARY

Senior Full-Stack Developer with 3+ years of experience in developing scalable, high-quality web and mobile applications using React Native, Node.js, and TypeScript. Proven track record of delivering revenue-generating products and improving code quality.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Python

**Frontend:** React Native, React.js, Next.js, TanStack Query, Redux, Zustand, Tailwind, Shadcn UI

**Backend:** Node.js, NestJS, FastAPI

**Databases:** MongoDB, PostgreSQL, Relational Databases

**AI/LLM:** OpenAI, LangChain, LangGraph, RAG, Agentic AI, MCP Server

**Cloud & DevOps:** AWS (EC2, S3), Firebase (Auth, Firestore, FCM), Docker, Vercel

**Mobile App Development:** React Native, Mobile-First Design, Cross-Platform Development

**Performance Optimization:** PWA, Mobile App Performance Optimization

## EXPERIENCE

### Sybrid Private Limited — A Lakson Group Company

Jul 2025 – Present

*Senior Full-Stack Software Engineer*

Karachi, Pakistan

- Leading a React Native iOS medication app with diagnosis modules, increasing adoption across healthcare teams.
- Implemented CI/CD pipelines using Codemagic, reducing manual release time by 50%.
- Managing backend services (Node.js) and Next.js admin panel with secure medical data workflows.

### Kodexolabs

Oct 2024 – Jul 2025

*Senior Full-Stack Software Engineer*

Karachi, Pakistan

- Developed a React Native iOS health app integrating Apple HealthKit, improving data sync reliability by 25%.
- Built an AI-driven nutrition, workout, and wellness system using LangChain + RAG.
- Created an AI Virtual Trainer that increased user engagement by 40%.
- Engineered a GPT-Canvas-style streaming text renderer with 98% rendering accuracy.
- Built SmartHistory (Next.js + NestJS) — an AI-led medical history intake system. Demo: smartmedhx.ai
- Developed Fairness Factor using Next.js + LangChain Agents — used by 1,000+ professionals. App: fairnessfactor.com
- Improved code quality and reduced bugs by 20% through structured code reviews.

### DotClick LLC

Aug 2023 – Oct 2024

*Senior Full-Stack Software Engineer*

Karachi, Pakistan

- Built Refill Arena, a crypto gift card platform generating \$1M+ revenue in its first year.
- Integrated Coinbase Commerce + MetaMask for secure multi-currency blockchain payments.
- Developed scalable APIs supporting 3,200+ brands across 190+ countries with 99.9% uptime.
- Created a customization platform using React + Fabric.js with realistic mockups and image processing.
- Built gig-based home cleaning marketplace for 200+ users with chat, reviews, incentives, and worker ranking.

### Askari Technologies

Dec 2022 – Jun 2023

*Senior Full-Stack MERN Developer*

Karachi, Pakistan

- Improved frontend performance by 25% through optimized state management.
- Implemented JWT authentication and Stripe payments/subscriptions.

## PROJECTS

### Design Heaven — React, Fabric.js, FFmpeg, Unsplash API

- Built poster & video editor with trimming, merging, text effects, and asset library.

### CryptoCity — React, CoinGecko API, Chart.js

- Developed real-time crypto tracker with charting and global price updates.

EDUCATION

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**Dawood University of Engineering & Technology**

*Bachelor of Engineering in Computer System Engineering — CGPA: 3.6*

Dec 2020 – Jul 2024

*Karachi, Pakistan*