

Daud Mir

Full Stack Developer

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SUMMARY

Full Stack Developer with 2+ years of experience developing scalable, high performance web and mobile applications with React, Next.js, Node.js, NestJS, TypeScript and PostgreSQL. Delivered complete frontend and backend solutions for healthcare, SaaS and point of sale platforms, including RESTful APIs, microservices, real time features (WebSockets, WebRTC), Stripe payment integrations and secure authentication. Achieved measurable performance improvements such as faster APIs, smaller bundles and higher Lighthouse scores, and integrated AI features using the OpenAI API.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python

Frontend: React.js, Next.js (SSR / SSG), React Query, Zustand, Tailwind CSS, shadcn/ui, Framer Motion, Responsive Design

Mobile: React Native, Expo

Backend: Node.js, NestJS, Express.js, FastAPI, RESTful APIs, Microservices, WebSockets (Socket.io), RabbitMQ

Databases: PostgreSQL, MongoDB, Supabase, Redis, TypeORM, Database Design, Query Optimization

Performance Optimization: Redis Caching, Database Indexing, Pagination, Code Splitting, Lazy Loading, Image Optimization, Core Web Vitals, Lighthouse

Cloud & DevOps: AWS (EC2, S3), Docker, Nginx, Vercel, CI/CD, Git, GitHub

Security: JWT, OAuth 2.0, Role Based Access Control (RBAC), AES-256 Encryption, HIPAA Compliance

Integrations: Stripe (Payments, Connect, Webhooks), OpenAI API, Google Calendar API, Firebase Cloud Messaging, WebRTC

Practices: Agile / Scrum, Code Review, API Documentation (Swagger), Cross Functional Collaboration

PROFESSIONAL EXPERIENCE

Full Stack Developer (Contract)

Feb 2026 – Present

Loqum AI – AI Health Platform

Singapore (Remote)

- Built the frontends of 2 production products, the Integrated Care Centre (ICC) console and the Doctor portal, delivering 25+ responsive screens with React, TypeScript, React Query and Tailwind CSS.
- Developed the backends of 3 applications (ICC, Doctor and Patient) as Node.js / Express microservices with RESTful APIs, PostgreSQL and RabbitMQ event messaging.
- Reduced average API response time by ~45% (from ~420 ms to ~230 ms) by caching session and permission lookups in Redis and adding indexes to slow PostgreSQL queries.
- Raised the Lighthouse performance score of both frontends from 62 to 91 and cut the initial JavaScript bundle by ~40% with route based code splitting, lazy loading and memoization.
- Delivered real time consultation features for online and in-person care: live patient queues over WebSockets (Socket.io), WebRTC video calls, and AI assisted triage and consultation notes.
- Secured the platform with JWT / OAuth 2.0 authentication, role based access control (RBAC) per organization and branch, AES-256 encryption of sensitive health data, and Stripe Connect payouts.

Tech: React, TypeScript, Node.js, Express.js, PostgreSQL, Redis, RabbitMQ, Socket.io, WebRTC, Stripe, Docker

Full Stack Developer

Dec 2024 – Jan 2026

SevenStacks

Lahore, Pakistan

- Developed a HIPAA compliant doctor portal and admin dashboard for secure patient record management with role based access control (RBAC).
- Implemented end to end encryption for API responses on a Supabase backend, reducing data breach vulnerability by approximately 90%.
- Built an AI driven medical education app with the OpenAI API and an end to end Stripe payment flow with 3 subscription plans, webhooks and a user credits system.
- Delivered a society management system for 1,900+ residents with Next.js, NestJS and PostgreSQL, automating monthly billing with scheduled cron jobs.
- Cut page load time on client Next.js websites in the US, UAE and Saudi Arabia by ~50% (from ~3.6 s to ~1.8 s) with SSR / SSG, image optimization and lazy loading, lifting Lighthouse SEO scores above 90.

- Managed AWS EC2 and S3 deployments, Nginx configuration and production servers for client applications.

Tech: Next.js, React, NestJS, Supabase, PostgreSQL, Stripe, OpenAI API, AWS, Nginx, Vercel

Frontend Developer

Aug 2024 – Dec 2024

Ahmasoft

Lahore, Pakistan

- Developed responsive, cross browser web applications with React, Next.js and TypeScript from Figma designs.
- Integrated payment gateways and real time WebSocket notifications into production applications.
- Improved page load speed by ~35% through code splitting, lazy loading and reusable UI components.

PROJECTS

TapnTrade – Cloud POS for Restaurants and Retail

tapntrade.store

Tech: NestJS, PostgreSQL, React, React Native, Next.js, Socket.io

- Built a multi tenant point of sale SaaS with a NestJS and PostgreSQL REST API, a React web app, a React Native (Expo) mobile app and a Next.js marketing website.
- Implemented real time order sync between waiter, kitchen and cashier screens with Socket.io, along with inventory, billing, shift and sales reporting modules.
- Cut product and order list load times by ~60% with PostgreSQL indexing and server side pagination and search.

Real Time AI Chatbot

Tech: Python, FastAPI, OpenAI API, WebSockets

- Built a real time AI chatbot with Python, FastAPI and the OpenAI API that streams responses token by token over WebSockets and keeps multi turn conversation context.
- Grounded answers in a curated knowledge base and brought time to first response under 1 second with streaming.

AutoCaller – AI Voice Appointment Agent

Tech: Vapi, Google Calendar API, React, Express.js, PostgreSQL

- Built an AI voice agent that answers calls and books, reschedules or cancels appointments, with two way sync between Google Calendar and the application's calendar.

EDUCATION

BS in Software Engineering

2020 – 2024

University of Sialkot