

# HASSAN NAVEED

## Senior Software Engineer — Full-Stack (React / Next.js / Node.js / Laravel)

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### PROFESSIONAL SUMMARY

Senior Software Engineer with 3+ years of experience designing, building, and leading full-stack SaaS products across the MERN and MEAN stacks and Laravel. Specializes in scalable Node.js backend services, RESTful API and GraphQL design, real-time systems (Socket.IO), and AI/RAG integrations (LangChain, vector search) including Stripe and other payment integrations. Leads cross-functional teams, owns product delivery end to end, and consistently turns user feedback into shipped, high-quality features.

### TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, PHP, SQL, HTML5, CSS3

**Frontend:** React.js, Next.js (App Router), Angular, React Native, Redux Toolkit, TanStack Query, Tailwind CSS

**Backend:** Node.js, Express.js, NestJS, Laravel, RESTful APIs, GraphQL (Apollo), WebSockets / Socket.IO, JWT Authentication

**Databases & ORM:** PostgreSQL, MongoDB, Redis, Prisma, Mongoose, Supabase

**AI / ML Integration:** RAG pipelines, LangChain, FAISS vector search, OpenAI API, Ollama, Vercel AI SDK

**Cloud & Tools:** AWS S3, Firebase (FCM, Auth), Cloudinary, Docker, Git, Vercel, Stripe, Revolut Pay, RevenueCat, Kinde, Google Maps API, Chart.js

### WORK EXPERIENCE

#### DevPower

Aug 2025 – Present

*Senior Software Engineer · Remote*

- Lead cross-functional engineering teams and own end-to-end product delivery for full-stack SaaS platforms, with a focus on scalable Node.js backend services and React/Next.js frontends.
- Drive architecture decisions and code-quality standards (TypeScript, code review, Prisma/PostgreSQL data modeling) to keep delivery fast, reliable, and maintainable.
- Translate user feedback into prioritized, shipped features, closing the loop between customer needs and product development.

#### The Parthenon

Jul 2024 – Aug 2025

*Software Engineer*

- Delivered two client real-estate products end to end: a Next.js 15 listings platform (Google Maps geocoding, presigned direct-to-S3 uploads, multi-facet search, SEO automation) and a Dubai property investment-analytics dashboard on Angular + NestJS with Apollo GraphQL and Chart.js.
- Integrated AI/RAG capabilities (LangChain, FAISS vector search, streaming chat via the Vercel AI SDK) to extend product functionality and improve user experience.
- Conducted code reviews to enforce best practices and maintain high code-quality standards across the team.

#### Blotech Solutions

Feb 2024 – Aug 2024

*Software Engineer*

- Built and maintained full-stack web applications on the MERN stack (MongoDB, Express.js, React, Node.js).
- Designed and implemented cryptocurrency trading bots and decentralized applications (dApps) with Solidity smart contracts.
- Collaborated with cross-functional teams to define and ship new features and enhancements.

#### IT Empire (Pvt) Ltd

Feb 2023 – Feb 2024

*Associate Software Engineer*

- Designed and developed RESTful APIs using the Laravel (PHP) framework.
- Built and maintained CRM systems for reliable data management and smooth user interaction.
- Integrated third-party services, including Stripe for payment processing.

### KEY PROJECTS

**Alalahub — Professional Network & Jobs Platform**

React Native, Next.js, Express.js, Prisma, PostgreSQL, Socket.IO, Firebase, Redis

- Engineered a LinkedIn-style jobs and networking super-app for the EU market on a 90+ model Prisma/PostgreSQL backend: real-time chat, job–candidate matching, CV generation, EU ESCO skills taxonomy, and Greek GEMI/AFM company-registry lookup, localized into 27 languages.
- Implemented subscriptions and monetization across 4 payment providers (Revolut Pay, RevenueCat, Apple In-App Purchases, Google Play Billing) with Google/Apple/OTP authentication and multi-device session management.

**ErgonPlus — Multi-Tenant Field-Service & Workforce SaaS**

Next.js, React Native, Express.js, Prisma, PostgreSQL, Socket.IO, Firebase

- Built a multi-tenant workspace platform (web, API, and mobile) with QR invite-code onboarding, templated task workflows with cost approval, payroll linked to completed jobs, fleet and calendar management, and real-time chat/notifications.

**ErgonPro — Hotel Maintenance Platform**

Next.js, Express.js, MongoDB, Socket.IO, OpenAI, Firebase

- Developed a hotel maintenance and housekeeping system: categorized fault tickets across buildings/floors/rooms, preventive compliance logs (pool chemistry, water meters, refrigeration), end-to-end-encrypted team chat, gamified staff leaderboards, and OpenAI-powered insights, localized into 6 languages.

**Propset — Dubai Real-Estate Marketplace & Investment Analytics**

Angular 18, NestJS, Apollo GraphQL, Prisma, PostgreSQL, Chart.js, Kinde

- Built a dual-sided Dubai property platform: a NestJS + Prisma/PostgreSQL marketplace of regulated listings (DEWA, permit and broker-registration fields), and an analytics dashboard consuming an Apollo GraphQL service — surfacing SMA/RSI indicators and price-per-sqft trends over transaction history in Chart.js, with Kinde auth and role-based access.

**LYM — Real-Estate Listings Platform**

Next.js 15 (App Router), React 19, TypeScript, Prisma, PostgreSQL, AWS S3, Google Maps

- Shipped a Next.js 15 / React 19 listings platform with URL-driven multi-facet search, presigned direct-to-S3 image/brochure uploads, Google Maps geocoding, and an admin CMS — plus SEO automation that submits new listings to the Google Indexing API and regenerates dynamic sitemaps.

**AI CRM Chat — Retrieval-Augmented Generation (RAG)**

Node.js, Express.js, LangChain, FAISS, Ollama, Next.js, Vercel AI SDK

- Built an AI-powered CRM assistant: LangChain RAG pipeline with FAISS vector search over ingested PDFs and Gmail/Google Workspace data, served through a streaming Next.js chat frontend.

**Nejobi — Telegram Mini App Casino**

Next.js, TypeScript, Tailwind CSS, Telegram Mini Apps SDK, Express.js, Prisma

- Shipped a server-authoritative play-money casino running natively inside Telegram — every game outcome and payout is computed by the backend, so the client can only animate results.

**EDUCATION**

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|------------------------------------------------------------|-------------|
| <b>BS, Computer Science</b> — The University of Faisalabad | 2020 – 2024 |
| FSc (Pre-Engineering) — KIPS College                       | 2019 – 2020 |

**LANGUAGES**

English (Professional Working Proficiency) · Urdu (Native)