

# Hassan Khan

## Software Developer

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## PROFESSIONAL SUMMARY

Software Developer with 6+ years of experience building production web and cross-platform mobile applications, specializing in React.js, Next.js, and React Native. Hands-on with NestJS, Node.js, Firebase Cloud Functions, PostgreSQL, and REST API development and integration. Experience delivering e-commerce, real estate, marketplace, streaming, logistics, and dashboard platforms with multilingual interfaces, role-based access control, third-party API integration, and application deployment on Vercel and Plesk. Delivered 250+ web and mobile projects for clients across the UAE, UK, USA, and Ethiopia.

## TECHNICAL SKILLS

- Frontend:** React.js, Next.js, JavaScript, TypeScript, Vite, HTML, CSS, Responsive Web Development
- Mobile:** React Native, iOS & Android, React Navigation, Reanimated, Gesture Handler, React Hook Form, Zod
- Mobile Integrations:** Firebase Cloud Messaging, Crashlytics, Notifee, Google Maps SDK, Google Places API, Geolocation, Camera & QR Scanning, Google & Apple Sign-In
- Backend:** Node.js, NestJS, REST API Development, Firebase Cloud Functions, Authentication and Authorization
- Databases:** PostgreSQL, MongoDB, Firestore, TypeORM
- State and Data:** Redux Toolkit, React Query (TanStack Query), Axios
- UI Libraries:** Tailwind CSS, ShadCN UI, Material UI, Ant Design, Chakra UI, Bootstrap, HeroUI
- Platforms and CMS:** WordPress, Shopify, Shopify Liquid, Headless CMS, Laravel
- Deployment and Hosting:** Vercel, Plesk, Shared Hosting, Node.js Hosting, Environment Configuration
- Tools and APIs:** Git, Git CLI, Postman, Swagger, Stripe API, Mapbox, Highcharts, i18next, Android Studio, CocoaPods, Gradle
- Workflow and Testing:** Agile / Scrum, Jira, ClickUp, Code Reviews, Jest
- AI / LLM:** OpenAI API, GPT-3.5, Embeddings, Prompt Engineering
- macOS and Dev Environment:** macOS Tahoe 26, iOS 26, Terminal / CLI, Xcode, Development Environment Setup

## PROFESSIONAL EXPERIENCE

### Frontend & Mobile Engineer (React.js, Next.js, React Native)

- Cmolds, Karachi, Pakistan | 04/2024 - Present
- Delivered 80+ web and mobile projects as part of a 25-developer team, using Next.js, React, React Native, and TypeScript across real estate, streaming, logistics, marketplace, and services domains.
  - Created a UAE real estate portfolio management dashboard with role-based access for 3 user roles (Guest, Member, Admin), including asset management and Highcharts data visualization.
  - Integrated REST APIs with Axios, React Query, and Redux Toolkit, handling authentication, request state, and errors.
  - Localized interfaces using i18next with JSON-driven locale switching, including English and French.
  - Developed 4 cross-platform React Native apps covering on-demand delivery, health tracking, travel, and dental care; refactored 15 form screens onto a shared React Hook Form and Zod pattern.
  - Built customer and driver flows in a single React Native app using role-based navigation, supporting instant and scheduled deliveries with Google Maps live tracking, Firestore real-time chat, push notifications, and QR code scanning.
  - Engineered backend services with Node.js and NestJS using TypeORM and PostgreSQL; documented REST endpoints with Swagger and Postman, and migrated a backend data layer from MongoDB to PostgreSQL.
  - Migrated a React/Vite marketing site to Astro with CMS-driven content to improve SEO and page load times.
  - Implemented Firebase services including Authentication, Firestore, Cloud Functions, Cloud Messaging, and Crashlytics; deployed and maintained applications on Vercel and Plesk.
  - Worked in Agile sprints with Jira and ClickUp, reviewed code, wrote Jest tests, mentored junior developers, and gathered requirements directly from clients.

### Front-End Developer

- LimeSoftware Logics, Karachi, Pakistan | 02/2021 - 04/2024
- Converted PSD, XD, and Figma designs into web applications and websites within a 15-developer team, using React.js, JavaScript, jQuery, HTML, CSS, Shopify, and WordPress.
  - Built responsive UIs with Bootstrap, Tailwind CSS, Chakra UI, Ant Design, and ShadCN UI, using React hooks for state.
  - Connected REST APIs through Axios, handling response and error states and validating endpoints with Postman and Swagger.
  - Developed Laravel backend features including migrations, controllers, models, middleware, and routes.
  - Customized Shopify themes with Liquid templates and custom widgets, and integrated React apps with headless CMS and the WordPress REST API. Recognized as Star of the Quarter (2022).

### WordPress Developer

- Core2Plus, Karachi, Pakistan | 01/2020 - 02/2021
- Developed responsive WordPress websites and resolved cross-device issues across mobile and tablet breakpoints.
  - Created page layouts and dynamic sections using Elementor and WP Bakery page builders.
  - Tailored themes and plugins to meet project requirements and improve site performance.

## SELECTED PROJECTS

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- **Chat Eat** (Next.js 15, TypeScript, Redux Toolkit, Socket.io, Stripe) - Frontend for a restaurant booking and social chat platform, including a restaurant dashboard for bookings, slots, menus, and ads; Socket.io real-time chat with typing indicators, FullCalendar slot scheduling, Stripe payments, Google Maps, 7-language i18n, and keyboard-accessible UI components. [chateat.vercel.app](#)
- **John Kew** (Next.js, React) - Pickleball analytics platform covering paddle data, reviews, and rankings. [johnkew.vercel.app](#)
- **AbakoTech** (Next.js 15, TypeScript, NestJS, Redux Toolkit, Firebase) - Teacher discovery platform with a web app, admin portal, and NestJS backend, for browsing verified teachers by subject, with ratings, subscription plans, OTP authentication, live agent chat, FCM push notifications, Google Places search, AES-GCM encrypted subscription state, and multilingual support. [abakotech.com](#) | [admin.abakotech.com](#) | [teachers.abakotech.com](#)
- **Lifetime Trails** (React, Vite, Mapbox) - Off-road trail navigation platform with KMZ overlays and route planning. [lifetimetrails.vercel.app](#)
- **South Texas Monuments** (Next.js, React, Vite) - Custom monument design platform with a canvas-based design editor for browsing, designing, and ordering memorials. [sergio-southtexas.vercel.app](#)
- **Rigas Worldwide** (Next.js, React, Astro) - Shipping and logistics platform with a CMS-driven marketing landing page and lead capture. [rigasworldwide.vercel.app](#)
- **COFO** (Next.js, React) - Real estate marketplace with a companion admin dashboard for managing listings and services. [cofo.vercel.app](#)
- **Christian List** (Next.js, React) - Service community platform with 400+ users, delivered as separate customer-facing and business-facing applications. [thechristianlist.com](#)
- **Hagerbet TV** (Next.js, React) - Video streaming platform built for African markets, serving 1,200+ users. [hagerbet.tv](#)
- **JetHouse** (Next.js, React, i18n) - Luxury property rental platform with full multilingual support in English and French. [jetshouse.vercel.app](#)

## MOBILE APPLICATIONS (REACT NATIVE)

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- **goButler** (React Native, TypeScript, Redux Toolkit, Firebase, Google Maps) - Cross-platform on-demand parcel delivery app with Customer and Butler (driver) roles in one app, supporting instant and scheduled deliveries with live map tracking, real-time chat, push notifications, QR parcel scanning, proof of delivery, and earnings and wallet. [XD design](#)
- **NEUVIE** (React Native, Redux Toolkit, OpenAI (GPT-3.5, Embeddings), RevenueCat, Firebase) - ADHD-focused productivity app with tasks, routines, rewards, body doubling, and courses. Integrated OpenAI to suggest task categories using embeddings with a GPT fallback, break tasks into up to 5 sub-steps, and estimate task duration; added RevenueCat subscriptions and Google Calendar sync.
- **Upbeat Vitals** - Fitness application for monitoring health metrics including heart rate, steps, and sleep, with reminders and an admin-managed product marketplace. [XD design](#)
- **Next Trip** - Travel application for browsing upcoming trips, joining other travelers, and in-app chat. [XD design](#)
- **Smile Energy** - Dentist-focused mobile application. [XD design](#)

## EDUCATION

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### BS, Computer Science

Virtual University of Pakistan | 2021 | CGPA: 3.1

### Intermediate (Pre-Engineering)

D. J. Sindh Govt. Science College | 2016

### Matriculation

Programmer School | 2014

## CERTIFICATIONS AND ADDITIONAL INFORMATION

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- React Native (Coursera), 2026-2027
- Star of the Quarter, 2022 - LimeSoftware Logics
- WordPress (DigiSkills)
- SEO (DigiSkills)
- Languages: English (Professional Working Proficiency), Urdu (Native or Bilingual Proficiency)