Hamza Malik

Senior Full Stack Engineer (React, React Native, Node.js)

👤 Profile

Senior Full Stack Engineer with 7+ years of experience building and scaling production-grade web and mobile (iOS & Android) applications. Proven expertise in React, React Native, Node.js, and implementing complex features such as Apple/Google/Stripe in-app subscription systems and AI-driven capabilities (e.g. retrieval-augmented generation pipelines). Adept at working in fast-paced startup environments, following Agile methodologies, and collaborating with remote teams across multiple time zones.

💼 Employment History

Senior Full Stack Engineer at CodeCraft Studios LLC, Dubai

Sept 2024 — Dec 2025

- Led end-to-end development of two production mobile applications (iOS & Android) and a supporting web platform in a small, fast-moving startup team.
- Implemented subscription and payment systems using Apple IAP, Google Play Billing, and Stripe, managing free trials, upgrades/downgrades, cancellations, webhooks, and secure payment flows.
- Built and integrated AI features including custom retrieval-augmented generation (RAG) pipelines, image analysis modules, and large language model (LLM) integrations using OpenAI and Google Gemini.
- Established automated CI/CD pipelines and managed AWS cloud infrastructure, ensuring streamlined deployments and high application availability.
- Handled mobile app submissions and releases for iOS and Android, including App Store / Play Store compliance, HealthKit integration, and production rollouts.

Full-Stack Engineer at Wisoft Solutions, Dubai

Mar 2023 — Sept 2024

- Developed both mobile and web applications for clients including Heights Papers, Hana Waters, UpGrad, ATSS, and Wisoft Solutions' own corporate website.
- Achieved consistent 95+ scores on Google PageSpeed Insights across multiple production projects.
- Maintained clean, efficient, and scalable codebases by implementing best practices and coding standards.
- Collaborated with cross-functional teams (design, QA, product) in an Agile (Scrum) environment to deliver projects on schedule.

Details

Dubai
United Arab Emirates
+971 523 125 845
crhamza7@gmail.com

Links

Personal Portfolio
Github
LinkedIn

Skills

Programming Languages: JavaScript (ES6+), TypeScript

Front-End: React, React Native, Next.js, Redux Toolkit (RTK), React Query, Zod (schema validation), HTML5, CSS3, Mobile-first & Responsive UI

Back-End: Node.js (Express.js, NestJS), RESTful API design, Authentication & Authorization (JWT, OAuth), Subscription & Billing Systems

AI / Machine Learning: LLM integrations (OpenAI, Google Gemini), Custom RAG pipelines (chunking, embeddings, vector retrieval), Vector databases (Qdrant), LangChain, Sentence-Transformers, & Multi-agent conversational AI systems

Cloud/DevOps: AWS, Docker, CI/CD, Blue-Green Deployments, Environment & Secrets Management (Doppler), Monitoring & Slack Notifications, Git

Databases: MongoDB (NoSQL)

MERN Stack Developer at Hatch Techs / Jagahonline, Karachi
May 2021 — Mar 2023
- Built and launched multiple large-scale products (MERN stack) including **JagahOnline** and **JO Ustad**, collectively serving over 1,000,000 users.
- Developed cross-platform web and mobile applications and collaborated with backend teams to design and integrate RESTful APIs.
- Performed regular code reviews to uphold code quality standards and ensure scalable architecture.

Freelance Full-Stack Engineer (Remote)
Jan 2018 — Jan 2021
- Delivered 15+ web and mobile applications for global clients via Upwork and Fiverr, managing projects end-to-end from concept through deployment.
- Built a sports management platform supporting league administration, team management, event scheduling, and real-time score updates.
- Designed and developed NFT minting dApps, integrating smart contracts and blockchain workflows for cryptocurrency-based digital assets.

☛ Education

Bachelor of Science in Software Engineering, Muhammad Ali Jinnah University, Karachi
Jan 2018 — Jan 2021

✿ Courses

MERN Stack Front to Back: Full Stack React, Redux & Node.js, Udemy

React Native: The Practical Guide, Udemy

The Complete 2020 Web Development Bootcamp, Udemy

Service-Oriented Architecture, Coursera

★ Qualifications

IELTS Band 7

ACCP-PRO from Aptech

Testing: Jest, Test-Driven Development (TDD)

Architecture: System design fundamentals, scalable backend patterns, production-ready application architecture

Languages
English

Urdu