

MOHAMMAD QEBALAH

Senior Full-Stack Engineer | Lead Software Engineer

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PROFESSIONAL SUMMARY

Senior Full Stack and Lead Software Engineer with 8 years of experience building scalable web, mobile, backend, and AI-enabled products across healthcare, fintech, aviation, marketplaces, and Web3. Strong hands-on experience with Next.js, React, React Native, NestJS, Node.js, PostgreSQL, MongoDB, Prisma, GraphQL, REST APIs, AWS, CI/CD, microservices, and LLM-powered application development using LangChain, prompt engineering, and retrieval-based workflows. Experienced leading engineering teams, owning product architecture, and working directly with clients and stakeholders to translate business requirements into technical plans and production-ready releases.

PROFESSIONAL EXPERIENCE

WEBREVIVED

Head of Software Engineers

Dubai, UAE

Aug 2025 – Present

- Lead a team of 6+ engineers across backend, frontend, and mobile development, improving delivery structure, technical ownership, and day-to-day engineering quality.
- Restructured the developer onboarding process, creating clearer project setup flows, handover notes, and review practices.
- Architected and led development of a UAE-based jewelry rental platform (React Native, Next.js, NestJS, PostgreSQL, AWS) covering rental, booking, inventory, and payment workflows.
- Led development of the Harvest mobile app (React Native Expo, NestJS, PostgreSQL, Nx monorepo) and directed AWS-based deployment workflows.
- Continued development and maintenance of Ask Edgar, improving full-stack features, backend workflows, and production stability.
- Worked directly with stakeholders to translate business requirements into technical plans, delivery milestones, and production-ready releases.

NOVOMED

Lead Software Engineer

Dubai, UAE

Sep 2023 – Oct 2025

- Architected scalable backend systems (NestJS, Prisma, MongoDB/PostgreSQL, GraphQL, Redis, RabbitMQ, AWS) and owned CI/CD infrastructure for web, mobile, and backend apps.
- Led development of Nafsi, a mental health platform with patient onboarding, provider matching, appointment booking, payments, and secure video consultations.
- Owned architecture for authentication, RBAC, payment flows, notifications, background jobs, and audit logging across booking and session workflows.
- Integrated third-party healthcare systems for availability, booking, cancellation, and billing while leading R&D for new features with product and clinical stakeholders.

AIRHUB AVIATION

Full Stack Developer

Dubai, UAE

May 2023 – Sep 2023

- Built backend APIs and frontend features for real-time aviation tracking and operational data workflows across distributed system components.
- Improved PostgreSQL schema and query design for performance, and resolved production reliability issues within short delivery cycles.

NIFTYSOUQ

Full Stack Developer

Dubai, UAE

Jun 2022 – May 2023

- Built marketplace and blockchain-integrated features (React.js, NestJS, AWS) for NFT minting, ownership validation, and transaction flows.
- Developed backend APIs and frontend interfaces for NFT listing and discovery, and refactored core services to improve scalability.

JUMY

MERN Stack Developer

Dubai, UAE

Sep 2021 – May 2022

- Built frontend and backend features for an NFT marketplace, including API layers for accounts, NFT data, and blockchain transactions.
- Integrated Web3 functionality into the web application and supported the full product lifecycle from development to production.

WGS-GROUP

MERN Stack Developer

Turkey

Jul 2020 – Sep 2021

- Built e-commerce marketplace features, admin dashboards, and payment workflows, integrating Stripe and Firebase real-time functionality.
- Implemented authentication, RBAC, and input validation, and standardized reusable code structures across multiple client projects.

FOOTHILL TECHNOLOGY SOLUTION

Front End Developer

Nablus, Palestine

Jul 2019 – Jan 2020

- Built and improved React.js interfaces using Material UI and reusable component structures for active client projects.
- Partnered with backend teams to connect frontend screens to APIs and resolved production issues affecting user flows.

VIEW PLATFORM

Front End Developer

Ramallah, Palestine

Feb 2018 – Jul 2018

- Built responsive frontend features using React.js, JavaScript, HTML, and CSS, converting UI requirements into working screens.
- Worked with senior developers to improve code quality and component structure, supporting bug fixes and feature delivery.

EDUCATION

PALESTINE TECHNICAL UNIVERSITY KHADOORIE

Bachelor's Degree in Computer Science

Tulkarm, Palestine

2016 – 2021

SKILLS

- **Frontend:** React.js, Next.js, React Native, Expo, Flutter, TypeScript, JavaScript, Tailwind CSS, ShadCN, Material UI, Chakra UI, Storybook
- **Backend:** Node.js, NestJS, Django, Flask, Laravel, REST APIs, GraphQL, Microservices, WebSockets, Authentication, Role-Based Access Control
- **Databases:** PostgreSQL, MongoDB, MySQL, Prisma ORM, Redis
- **Cloud & DevOps:** AWS, CI/CD, Docker, GitHub Actions, Serverless Workflows, Monitoring, Deployment Automation
- **Architecture:** System Design, API Design, Database Design, Monorepo Architecture, Event-Driven Architecture, Background Jobs, Clean Architecture
- **AI & LLM:** LLM API Integration, LangChain, Prompt Engineering, RAG Fundamentals, Embeddings, Vector Search, Structured Outputs, AI-Assisted Workflows
- **Web3:** Ethers.js, Web3.js, NFT Marketplace Flows, Smart Contract Integration Basics

ADDITIONAL EXPERIENCE

Training & Certifications

- Nano Degree, Full Stack Developer — Udacity
- Front End Developer, Junior Level Course — PTUK