Abdullah Almofleh

Senior Full-Stack Engineer at Propwise | NestJS • Next.js • React Native • PostgreSQL

Dubai, United Arab Emirates | +971 50 510 8253 | almofleh.abdullah@gmail.com

LinkedIn: https://www.linkedin.com/in/abdullah-almofleh | GitHub: https://github.com/Aborii | Portfolio: https://almofleh.dev

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with ~**7 years** of experience building SaaS platforms in real estate, energy and e-learning. At **Propwise** in Dubai, I build a real estate CRM and its mobile app, **Propilot**, across the backend, web app and mobile app. My work covers the core CRM modules, team roles and permissions, and performance work like cutting a key query from 93s to 3.9s on 1.9M tasks. Before that, at **Estia Software**, I led architecture for enterprise energy platforms handling 2M+ daily IoT events, delivering 25–40% performance improvements and **99.9**% uptime. I enjoy owning systems end to end, mentoring engineers, and using **Claude** and **Cursor** to plan, build and test complex features faster.

KEY ACHIEVEMENTS

- Built core modules of the **Propwise** real estate CRM: Contacts, companies, deals, commission payments, tasks, calendar reminders, email integration, and team roles and permissions, end to end across the **NestJS**/**PostgreSQL** backend, **Next.js** web app and **React Native** mobile app.
- Fixed a deadlock that was silently dropping tasks: Took **Propwise** from 378 deadlocks to 0, and cut a key query from 93s to 3.9s on 1.9M tasks.
- Engineered **Envita** SaaS energy platform: Real-time time-series dashboards processing 2M+ data points daily via **MQTT** from sensors, **AWS IoT Core** integration, multi-frame aggregation, and complex optimized queries—slashing chart/dashboard load times 40% for energy professionals.
- Built **Ecorize** energy platform: **GraphQL APIs** handling complex energy modeling workflows, optimizing aggregations across **PostgreSQL**/**Redis** for sub-second responses.
- Delivered **ASP School** e-learning platform: Multilingual **Laravel**/**React** system with video streaming and progress tracking, scaling to production educator workflows.
- Contributed to backend for **Bact** for Consulting & Training e-learning platform: **Node.js**/**TypeORM** with **PostgreSQL**, powering scalable course delivery and user management **APIs** as part of development team.
- Developed **Beethere** taxi ordering app: WebSocket/**Socket.io** for real-time ride requests and driver/customer updates; integrated live location tracking and payment **APIs**.
- Built 3+ e-commerce platforms end-to-end: **Laravel**/**Node.js** stacks with inventory management and **Stripe** integrations, achieving zero-downtime deploys.
- Drove 25-40% performance/stability gains across 5+ apps via database optimization, **Jest**/**Cypress** automation, and **TypeScript** refactoring.
- Led architecture decisions and mentored 5+ engineers, enforcing **CI/CD** pipelines and raising delivery speed 2x in **Agile** teams.

TECHNICAL SKILLS

Languages: TypeScript (7+ years), JavaScript (ES12+, 7+ years), PHP (4+ years)

Front-End: Next.js (SSR/SSG, 4+ years), React.js (6+ years), Vue.js (3+ years), Tailwind CSS

Mobile: React Native

Back-End: Node.js (6+ years), NestJS (4+ years), Express.js (6+ years), Laravel (4+ years), TypeORM (4+ years)

Databases: PostgreSQL (advanced queries/aggregations, 5+ years), TimescaleDB (time-series), MongoDB (high-volume real-time data, 4+ years), MySQL, Redis

Real-time & IoT: MQTT, AWS IoT Core, WebSockets (Socket.io)

APIs: REST, GraphQL

DevOps and Cloud: AWS (EC2/S3/Lambda/IoT Core), Docker, GitHub Actions CI/CD, Sentry

Testing/Tools: Jest, Cypress, Playwright, Git

AI Tools: Claude Code, Cursor

Methodologies: Agile, Scrum

PROFESSIONAL EXPERIENCE

Senior Full-Stack Engineer

Propwise.com | February 2026 to Present
Dubai, United Arab Emirates

- Built the core CRM modules end to end: contacts, companies, deals, commission payments, tasks, calendar reminders and email integration.
- Built team roles, permissions and invitations, so managers and agents each get the right access.
- Built client merging that works the same on web and mobile, and warns before an archived client comes back or deals move.
- Fixed a database deadlock that was silently dropping tasks (378 deadlocks to 0), and cut a key query from 93s to 3.9s on 1.9M tasks.
- Added test suites for data isolation between companies, payments and sign-in security, and cut CI test memory from 2.65GB to 1.25GB.
- Built a demo-account mode that sets up and removes a full sample workspace, so new users can try the CRM without risk.
- Grouped notifications into one alert per burst, with a daily task digest in each user's time zone.
- Built ad conversion tracking (Meta, LinkedIn, Google), cookie consent and onboarding emails across the website and CRM.
- Used **Claude** and **Cursor** to plan, build and test complex features faster, such as client merging across web and mobile and the notification redesign.

Senior Software Engineer

Estia Software DMCC | May 2023 to January 2026
Dubai, United Arab Emirates

- Led architecture for enterprise energy SaaS platforms processing 2M+ daily IoT time-series events using **NestJS**, **Next.js**, **AWS IoT Core**, and **PostgreSQL**/**TimescaleDB**.
- Designed multi-frame aggregations and optimized complex queries, reducing dashboard and chart load times by ~40%.
- Built scalable **GraphQL** and **REST APIs**, SEO-optimized **SSR**/**SSG** front-ends, and real-time dashboards for energy professionals.
- Implemented **CI/CD** pipelines, automated testing (~95% coverage), and monitoring, cutting production incidents by ~50%.
- Mentored 5+ engineers, enforced **TypeScript** and code-quality standards, and helped double team delivery speed while maintaining **99.9**% uptime.

Software Engineer

Nordelco DMCC | December 2022 to May 2023
Dubai, United Arab Emirates

- Migrated production codebase from **JavaScript** to **TypeScript**, reducing runtime errors by ~40% and improving maintainability.
- Developed and optimized **Node.js**/Express **APIs** for energy workflows; **PostgreSQL** indexing improved query performance by ~35%.
- Refactored **Vue.js** dashboards with real-time visualizations, cutting bundle size by ~50% via code-splitting and tree-shaking.
- Added **Jest**-based automation, reducing recurring bugs by ~60%.

Full-Stack Developer

Digital Real Marketing | October 2022 to December 2022
Dubai, United Arab Emirates

- Delivered **Laravel**-based e-commerce **APIs** and database schemas for products, orders, and payments.
- Successfully launched 2 production sites on tight deadlines, enabling first revenue with stable transaction flows.

Full-Stack Developer

3 Miles | November 2021 to September 2022
Damascus, Syria

- Contributed to full-stack **Laravel**, **Vue.js**, and **Node.js** projects, implementing features from requirements through production deployment and improving delivery timelines by ~50%.
- Delivered 2 production applications, cutting client delivery timelines by ~50%.

Full-Stack JavaScript Developer

Unifi Solutions | May 2021 to March 2022
Damascus, Syria (Remote, Part-time)

- Built the **Bact** e-learning backend (**Node.js**, **TypeORM**, **PostgreSQL**).
- Scaled **APIs** to 3x capacity across client apps and improved course delivery reliability by 30% through performance tuning and documentation.

Full-Stack Developer & IT Support

Technical G | February 2021 to May 2021
Damascus, Syria

- Led small teams, optimized backend performance, and delivered multiple production systems across e-learning, media, and client platforms.
- Maintained 100% on-time delivery across concurrent projects.

Full-Stack Developer

Aspiraties | July 2020 to October 2021
Damascus, Syria (Hybrid, Part-time)

- Optimized **Node.js**/DB queries for **ASP School** multilingual e-learning platform.
- Cut video streaming latency 25% for global production users.
- Rewrote front-end components in **React** for better UX.

Back-End Developer

Unifi Solutions | August 2020 to January 2021
Damascus, Syria (Remote, Part-time)

- Developed **Node.js**/**MongoDB** backend services for an **events management system**.
- Designed **RESTful APIs** and optimized databases.

Full-Stack Developer

We Media | May 2019 to April 2021
Damascus, Syria

- Delivered **React**/**Laravel** full-stack solutions for clients.
- Achieved 100% on-time delivery across 6 concurrent projects.

NOTABLE PROJECTS

Propwise (https://www.propwise.com/)

Real Estate CRM (SaaS)

- **Next.js**/**NestJS**, **PostgreSQL**, **pg-boss**, **PostHog**/**GA4**
- Built core modules of a real estate CRM for Dubai agencies: contacts, companies, deals, commission payments, tasks, calendar reminders, email integration, team roles and permissions, client merging and a demo-account mode; fixed a deadlock that was silently dropping tasks and sped up key queries on 1.9M tasks.
- Key query 93s to 3.9s on 1.9M tasks · Deadlocks 378 to 0 · CI memory 2.65GB to 1.25GB

Propilot (App Store | Google Play)

AI Assistant & Mobile App for Real Estate Agents

- **React Native**, **NestJS**, **PostgreSQL**, **RevenueCat**, Push notifications
- Worked on the **Propilot** AI assistant and built features across its iOS/Android app and backend: lead and client merging that matches the web CRM, deal commissions, a daily digest of overdue and due tasks with push reminders, **Propilot**-branded emails and app links, and sign-in and onboarding flows.
- Web and mobile kept in step: the same merge rules and daily digest on both

Envita (https://envita.io/)

Energy Monitoring Platform

- **Next.js**/**NestJS**, **MQTT**/**AWS IoT Core**, **TimescaleDB**/**PostgreSQL**
- Developed energy monitoring dashboards to track/visualize/analyze consumption; built scalable front/back-end with real-time **API** pipelines processing 2M+ data points daily, slashing load times 40%.

Ecorize (https://ecorize.de/en)

Energy Planning Software

- **React**/**GraphQL**, **PostgreSQL**/**Redis**, **NestJS**
- Contributed energy planning features for engineers: calculations, data visualization, workflows; optimized data-intensive UIs for sub-second responses.

ASP School (https://asp-school.nl)

Online Learning Platform

- **Laravel**/**React**, **Node.js**
- Built multilingual (Dutch/English/Arabic) video/text courses, practice modules, progress tracking; scaled responsive delivery for production educators.

Beethere

Taxi Ordering Application

- **Laravel**, **WebSockets**/**Socket.io**, **Node.js**, **Next.js**
- Developed core features for ride requests, real-time driver/customer updates; integrated **APIs** for location tracking and payments.

Al-Adham

E-Commerce Platform

- **Laravel**, **Stripe**
- Built horse product catalogs, shopping carts, order workflows; launched full e-commerce with zero-downtime payments/inventory.

Bact

Consulting & Training (E-Learning)

- **Node.js**/**TypeORM**/**PostgreSQL**
- Engineered course delivery/user management **APIs**; scalable backend for training platform.

Events Management System

- **Node.js**/**MongoDB**, **REST APIs**
- Developed event scheduling services; scaled **APIs** 3x capacity with 30% reliability gains.

EDUCATION

Bachelor of Information Engineering (Artificial Intelligence)

Arab International University

Damascus, Syria | October 2016 - February 2022

GPA: 3.25 out of 4.00

LANGUAGES

Arabic: Native

English: Professional