

Khader Hassan Hwaijeh

Software Engineer | Full-Stack Developer | Mobile & Web Applications

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Summary

Full-Stack Software Engineer who ships products to production and keeps them running. Builds, deploys, and personally operates four production systems on self-managed VPS infrastructure: a university services platform officially adopted by Al Sham Private University's housing department, a marketplace founded from scratch, a legal foundation's bilingual public site, and a classifieds platform in pre-launch. Flutter mobile development, Laravel REST backends, Linux/Nginx operations with monitoring and automated backups, and AI automation with n8n.

Experience

Self-Employed

Freelance Full-Stack Software Engineer Remote
January 2024 - Present

- Production web and mobile systems delivered and operated end to end, remotely for clients in multiple markets.
- Design, build, deploy, and operate production web and mobile systems for clients working remotely - from requirements through launch and long-term maintenance.
 - Own the entire production stack across four production systems: Linux and Nginx provisioning, HTTPS/TLS, database administration, migrations, scheduled jobs, automated backups, and uptime monitoring.
 - Remain the responsible engineer after handover - releases, incident response, security hardening, and technical SEO - rather than delivering and walking away.

Lumi Coin Syria

Flutter Developer & Product Contributor September 2025 - Present
Mobile development for a B2B loyalty platform built for the Syrian market.

- Develop the Flutter app for a B2B loyalty platform using GetX and Clean Architecture, contributing to product planning and feature prioritization.
- Build vendor-facing features for menus, offers, and rewards plus a merchant partner directory; configure CI/CD workflows for automated builds and release preparation.

Projects

WeinKorsi - Educational Marketplace (Founder & Lead Engineer)

React (Vite), Laravel 12, Flutter, PostgreSQL, Cloudflare R2, VPS (Nginx) May 2026 - Present

- In production since launch: 12 training institutes onboarded and 100+ registered users.
- Founded the venture and built the product: field market research, then personally pitched and onboarded 12 training institutes onto the platform before the full technical build.
- React frontend, Laravel REST API, and a companion Flutter mobile app with role-based access for students, institutes, and administrators.
- OTP authentication, authorization middleware, rate limiting, and Arabic RTL course discovery, filtering, and reservation flows.

<https://www.wein-korsi.com/>

OboSyria - Moderated Classifieds for Real Estate & Vehicles (Sole Engineer)

Laravel, React (Vite), PWA, Cloudflare R2, WhatsApp OTP (Wasender), Resend, VPS (Nginx) April 2026 - Present

- Deployed and operating in pre-launch, with public release imminent.
- Only engineer on the system: architecture, build, deployment, and day-to-day operations of a deployed marketplace preparing for public launch.
- Laravel REST API serving a React single-page application from the same origin, delivered as an installable PWA.
- Editorial moderation pipeline in which every listing is reviewed and approved before publication, blocking fraudulent posts.
- Passwordless WhatsApp OTP login, administrator multi-factor authentication, and rate limiting at both application and Nginx layers.

<https://obosyria.com/>

EDU PAL - Al Sham Private University Digital Services (Sole Full-Stack Engineer)

Flutter, GetX, Clean Architecture, PostgreSQL, JWT, VPS January 2026 - Present

- Adopted by Al Sham Private University as the operational system for its student housing department, serving 100+ students plus housing staff and managers.
- Delivered the mobile app, web dashboard, and backend single-handedly for students, housing staff, maintenance teams, and administrators.

- Digitized the university's student housing operation: room assignments, contracts, deposits, room inventory, and payment tracking.
- Dual-wallet finance system with a real-time ledger handling live student balances, deposits, and deductions.

<https://edu-pal.tech/>

Foundation for the Support & Protection of Citizens Abroad (Backend Developer & Maintainer)

January 2026 - Present

Laravel 11, Cloudflare Turnstile, Brevo API

- Built in one month and maintained in production since, serving ~500 monthly visitors.
- Built and continue to maintain the public platform of a non-profit legal advisory foundation serving Russian nationals in Syria.
- Bilingual Arabic/Russian interface with full RTL and Cyrillic support, plus a consultation request workflow routed to the legal team.
- Bot and abuse protection through Cloudflare Turnstile, honeypot fields, and strict security headers.

<https://syru-legal.up.railway.app/ar>

UniVerse - Smart Campus Mobile Application (Graduation Project)

November 2025 - January 2026

Flutter, GetX, Clean Architecture, Socket.IO, Firebase FCM, n8n, Gemini

- Hybrid AI system (n8n + Gemini) generating personalized academic schedules from GPA and prerequisite rules, with natural-language negotiation.
- RAG AI chatbot built with n8n and Gemini, answering student queries in real time from university data.
- Real-time university bus tracking over WebSockets with OpenStreetMap, streaming live driver locations to students.

Education

Yarmouk Private University

B.Sc. in Software Engineering

Software Engineering

2020 - 2026

Volunteer

Aga Khan Foundation

November 2025 - Present

Managed administrative datasets and streamlined data entry processes using Microsoft Excel and Word, supporting the operations team with daily logistical tasks.

Skills

- ★ Mobile
- Flutter, Dart, GetX, Bloc, Clean Architecture, MVVM, Firebase, FCM, PWA
- ★ Backend & APIs
- Laravel, PHP, REST API Design, JWT, OTP, MFA, WebSockets, Queues & Task Scheduling
- ★ Frontend
- React, Vite, TailwindCSS, JavaScript, Service Workers, Technical SEO, Responsive & RTL (Arabic) Interfaces
- ★ Infrastructure & Security
- Linux, VPS Administration, Nginx, HTTPS/TLS, CI/CD, GitHub Actions, Docker, Cloudflare R2, PostgreSQL, MySQL, Uptime Monitoring, Automated Backups, Rate Limiting, Security Headers, Input Validation
- ★ Automation, AI & Data
- n8n, Google Gemini API, RAG Chatbots, Telegram Bot API, WhatsApp Automation, Google Sheets API, Webhooks, Power BI
- ★ Tools
- Git, GitHub, Postman, Swagger, Android Studio, VS Code, Agile

Certifications

Data Analysis Using Power BI

August 2026

Bytes4Future — Syrian Computer Society, in partnership with the Aga Khan Foundation

Flutter Development Training Program

2024

Focal X Agency

Languages

Arabic

Native speaker

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English

B2 — Professional working proficiency

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