Karim Khalifeh

Senior Full-Stack Developer · Applied AI

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SUMMARY

Full-stack developer with 4+ years building production web applications on Laravel, React, and Node.js, with applied AI features (LLM tool calling, structured outputs, usage metering). Owned the backend architecture and data layer of a near-1,000-user publishing platform, led its migration off WordPress, and shipped third-party and AI/LLM integrations end to end. Background in psychology brings a user-centered lens to product work. Native English and Arabic, professional French.

EXPERIENCE

Storiad — Software Developer Remote (United States) · April 2022 - Present

- Owned the Laravel backend architecture and data layer (core application logic, data modeling, and queued jobs) and partnered with the design team to ship the React interface.
- Led the migration from WordPress to a custom Laravel/React/MySQL platform serving nearly 1,000 authors and publishers.
- Shipped an AI assistant using OpenAI tool calling with parallel dispatch and token budgeting, plus usage metering that enforces AI quotas for each plan tier.
- Built Publisher Edition, a B2B tier with an admin portal, per-seat Stripe billing, and a dedicated OpenAI project per publisher with cost metering.
- Built one-click provisioning of SSL-secured author websites using the Laravel Forge API and queued jobs, replacing a multi-hour manual setup.
- Built a public, read-only demo environment on its own subdomain with stateless auto-login, write protection, and hourly data sync from a live account.

PROJECTS

- **Reorder-Intelligence System** (Python, Streamlit, SQLite): built a proof of concept for a paint and hardware wholesaler through the ZAKA Certified AI Consultant program that turns ERP sales history into automated reorder recommendations with an LLM layer (Claude) that writes weekly procurement briefings and per-SKU explanations.
- **Voice Mood Journal** (React Native): built a voice-to-structured-data pipeline using GPT-4o-mini function calling to extract structured mood data from natural speech.

LANGUAGES & TECHNOLOGIES

- **Languages:** JavaScript, TypeScript, PHP, Python, SQL
- **Frontend & Mobile:** React, Next.js, React Native, Inertia.js, Tailwind CSS
- **Backend:** Laravel, Node.js
- **AI:** LLM tool/function calling, structured outputs, context grounding, RAG (embeddings, BM25, contextual retrieval), MCP
- **Payments & Billing:** Stripe (subscriptions, webhooks), Laravel Cashier
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud & Infra:** AWS (EC2, S3), Cloudflare R2, Vercel, Laravel Forge, Git
- **Spoken Languages:** English (native), Arabic (native), French (professional)

CERTIFICATIONS

- ZAKA Certified AI Consultant, ZAKA — 2026
- Foundations of DevOps, SE Factory — 2024
- AWS Certified Cloud Practitioner, AWS — 2024

EDUCATION

- **MSc Clinical & Health Psychology** — Bangor University, Wales — 2018
- **BA Psychology** — Lebanese American University, Beirut — 2016
- **Full-Stack Web Development** — SE Factory, Lebanon — 2022