

Abdelkader Khanji

Full-Stack Software Developer

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KEY HIGHLIGHTS

- 20+ production apps delivered independently across e-commerce, logistics, real estate, and AI systems.
- Multilingual platform builder — AR / EN / FR — serving MENA and international markets.
- End-to-end ownership: requirements → design → dev → deployment for 15+ clients.

PROFESSIONAL SUMMARY

Full-Stack Developer with 2+ years building scalable web and mobile applications for 15+ clients across e-commerce, logistics, and real estate. Specialized in React, React native, TypeScript, ASP.NET Core, and Supabase, with a growing focus on AI engineering — RAG systems, AI agents, and LLM evaluation (Gemini, Google ADK, MCP). Delivers production-ready platforms with clean code and responsive UI, owning projects end-to-end from requirements to deployment.

TECHNICAL SKILLS

Frontend: React 18, React native, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Redux, Context API, Responsive Design

Backend & Databases: ASP.NET Core, .NET, Supabase, Cloudflare Workers (Hono), REST APIs, JWT, Row Level Security, PostgreSQL, MySQL, SQL Server, SQLite (D1)

AI / LLM Engineering: RAG pipelines, vector search & embeddings (Cloudflare Vectorize, bge-m3), LLM evaluation (LLM-as-judge), Google ADK, Gemini, MCP, multi-agent systems, prompt engineering

Cloud & Serverless: Cloudflare (Workers, Pages, R2, D1, Vectorize, Workers AI), Netlify, serverless/edge architecture

Languages: TypeScript, JavaScript, C#, Java, Kotlin, Python, PHP, Dart, C

Tools: Git, GitHub, CI/CD (GitHub Actions), Wrangler, Vite, Docker, cPanel

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer | Self-Employed 2023 – Present

- Designed and delivered 20+ full-stack web and mobile applications using React, TypeScript, ASP.NET Core, and Supabase across e-commerce, logistics, and real estate.
- Built e-commerce platforms with product catalogs, order management, payment integration, shipment tracking, and multilingual AR/EN/FR support across 3 language markets.
- Implemented JWT/OAuth authentication, role-based admin panels, and real-time data sync for 15+ clients across Lebanon and the Gulf; optimized bundles and lazy loading, lifting Lighthouse scores from ~65 to 90+.

PROJECTS

Mersal — Bilingual RAG Document Q&A Platform — *Cloudflare Workers, Pages, R2, Vectorize, D1, Workers AI, Gemini, React, TypeScript*

[GitHub](#) [Live Demo](#)

- Built an Arabic/English RAG system end-to-end on Cloudflare's edge stack: PDF ingestion (R2, unpdf), multilingual embeddings (bge-m3) with semantic vector search (Vectorize), and grounded Gemini answers with page-level citations and cross-language retrieval.
- Designed an automated evaluation pipeline with an LLM-as-judge (strict JSON verdicts, calibrated rubric), scoring 100% on a 20-case bilingual eval suite including negative cases verifying hallucination refusal.
- Engineered within serverless constraints: PDF.js extraction inside Workers CPU limits, rate-limit-aware sequential eval runs with exponential backoff, and session-isolated vector queries via metadata indexing.

EL ("Easy") — AI Personal Concierge — *Google ADK, Gemini, Supabase MCP, Next.js* [GitHub](#)

- Multi-agent concierge for everyday life admin — tasks, scheduling, research, and message drafting — routing requests from a root ConciergeAgent to five specialist sub-agents, including a Planner-Critic DayPlanner that auto-resolves scheduling conflicts.
- Built a custom Supabase MCP server and a reusable security layer (input guardrails, tool-call policies, PII redaction) that blocks prompt injection and gates destructive actions behind explicit confirmation.

Funoun — Handmade Artisan Marketplace — *React 18, TypeScript, Supabase, PostgreSQL, Tailwind CSS* [GitHub](#) [Live Demo](#)

- Multi-vendor e-commerce (Etsy-style) with 4 user roles, product catalog, shopping cart, custom orders, real-time tracking, and reviews; bilingual AR/EN UI deployed on Netlify.
- Built with Supabase Auth and PostgreSQL Row Level Security, plus an animated 3D hero (React Three Fiber).

CRM Platform — Real Estate Lead & Property Manager — *React, ASP.NET Core, EF Core, SQL Server, JWT* [GitHub](#)

- Full-stack CRM with row-level authorization (JWT) scoping every property and lead record to its authenticated owner, with full CRUD throughout; 3-tier relational schema (User → Properties → Clients) enforced via EF Core cascading relationships.

CERTIFICATIONS

5-Day AI Agents Intensive with Google (Vibe Coding) | Kaggle 2026

- Agentic engineering, MCP/A2A interoperability, agent security & evaluation, and spec-driven deployment with ADK, Gemini, and Antigravity; built EL as the capstone project.

EDUCATION

B.S. Computer Science | Lebanese International University (LIU) Expected Fall 2026

Coursework: Data Structures & Algorithms, Database Systems, Software Engineering, OOP, Web & Mobile Development

LANGUAGES

Arabic (Native) | English (Professional) | French (Advanced) | Spanish (Basic)