

Muhamad J. Akoum

Senior Product Engineer · Forward-deployed mode

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PROFILE

I embed with founders and product teams, turn ambiguous problems into shipped software, and own the path from first conversation to production.

Lebanese product engineer based in Beirut and available worldwide. Twelve years building across mobile, web, backend, and AI. I work close to founders and customers, find the real constraint, and ship the whole path with the team. Open to remote FDE and Product Engineer employment or selective consulting. Music remains my other practice as Ancient Prayers.

EXPERIENCE

Consultant — AY Automate (May–Jul 2026)

- Led web and technical SEO/GEO. Took the site's Ahrefs health score from 14 to 100.
- Built the n8n automations behind their content pipeline and scheduled posting.

Independent software engineer — Freelance · confidential clients (2025–2026)

- Two products end to end: Supabase backends with Flutter apps across mobile, web, and desktop, from architecture through build and handoff.
- Shipped native iOS and Android apps to the App Store and Google Play.

Senior native iOS & Flutter developer — Majid Al Futtaim (2017–2025)

- Rebuilt the core journeys of the MAF Carrefour app (login, loyalty, addresses) for millions of customers across eleven countries.
- Migrated UIKit to SwiftUI and cut each journey into its own reusable CocoaPods SDK module.
- Shipped an overhauled OTP auth flow that earned the company's "Spark of the Month" award.
- Established MVVM, DataManager, and DI patterns across the modules, then profiled and cut load times.

Technical manager / engineer — Mojo Tribe (2014–2017)

- Led a three-developer team shipping cross-platform mobile apps end to end, and owned the store releases.
- Built native iOS (Swift, Objective-C) and Titanium/Alloy apps, and wrote the custom native modules in Objective-C and Java.

SELECTED PUBLIC WORK

kith

Serverless, end-to-end-encrypted sync for your own devices. Memory, tabs, and files, with no account to make and nothing to mine.

nocturne

Design multi-agent coding workflows on a canvas and run them while you sleep. If a run hits the wall at 2am, it checkpoints and waits.

dropwire

End-to-end-encrypted, peer-to-peer file transfer for Windows, macOS, and Linux. Send any file straight between devices, resumable, with no account and no server holding your data. Built on iroh.

CAPABILITIES

AI & agents: Claude Code, OpenAI Codex, Cursor · AI IDEs, Agentic engineering, Multi-agent orchestration, Prompt & context engineering
Building on AI: MCP servers, Claude skills & plugins, LLM apps · RAG & memory, Fine-tuning & evals, AI product development, Model APIs (Claude, OpenAI)

Native iOS: Swift, SwiftUI, UIKit, CocoaPods · SDK modules, Objective-C, Core Data

Cross-platform: Flutter · iOS / Android / Web / Desktop, Dart, Tauri, App Store / Play releases

Systems & web: Rust, TypeScript, Next.js, End-to-end encryption, Java · PHP

Backend & growth: Supabase, Firebase, Technical SEO / GEO, n8n automation, Feature flags (Growthbook)

HOW I WORK

I work close to founders, customers, and product teams: clarify the real constraint, turn it into a shippable plan, build across the stack, and stay accountable through production and handoff.

Open to remote employment worldwide and able to collaborate across time zones from Beirut, Lebanon.