Khaled Jamal

Software Engineer and Founder of Helm

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Beirut, Lebanon. Remote worldwide, open to relocation

Computer Science graduate from the University of Westminster, London, and the solo founder, designer and engineer of Helm, the software 10+ paying businesses run on. I build products end to end and then run them: product and brand design, a TypeScript monorepo, and the Linux infrastructure underneath. Known online as Dequavious.

EXPERIENCE

Founder, Designer and Lead Engineer, Helm

2026 to now

usehelm.host · Business platform for independent businesses · Registered in Lebanon

- Built and shipped Helm alone: one dashboard where a business runs its website, bookings, orders, customers, loyalty and courses, on its own domain and without a developer.
- Sole designer and engineer across a TypeScript monorepo: API, client dashboard, admin panel, AI site builder, marketing site, docs, status page and changelog.
- Shipped 23 modules, each one because a client needed it, from idea to first client in about two months. The whole product runs in English and Arabic, right to left included.
- Built Helm AI, which generates a complete website from a plain-language description and sells through credit packs, running on the Anthropic API.
- Hardened production: untrusted client sites isolated on a separate domain, sandboxed client builds, Cloudflare-only firewall rules, 2FA, rate limiting and error monitoring.
- Own the commercial side: Lite, Standard and Business subscriptions in four currencies, on top of one-off builds, from the first client in April 2026 to 10+ paying businesses.

Independent Software Engineer, Dequavious

2026 to now

khaledjamal.dev · Solo software practice · Remote

- Build websites, web apps, mobile and desktop apps, AI agents, automation and Solana tooling for clients, for a fixed price and date. Client work includes Croffee and Kaged Production in Beirut.
- Designed and built my own site in English and Arabic, with a four-step project brief, live currency-aware estimates and Stripe deposits.

Marketing Executive, RACS Quality Certificates UK

May to Oct 2024

B2B conformity assessment and Halal certification body · London

- Owned outbound lead generation for Halal and ISO certification, targeting UK and EU manufacturers exporting into GCC markets.
- Turned dense regulatory subject matter (Halal, ISO 17065/17020, GCC market access) into pitches tailored to each industry.

SELECTED PROJECTS

Bifröst

Private · TypeScript, Claude Agent SDK, MCP

My own team of AI coding agents, running real work on my own server. The first version stalled, so I rebuilt it from scratch in phases, each proven live before the next.

Pulse

Private · Rust, TypeScript, Python, Solana

Automated trading on Solana, built evidence first. Strategies trade only after passing their gates, inside hard limits. Agents research and build, but only code trades. Currently in its study phase.

SolTools

soltools.net · TypeScript, Next.js, WASM

Six Solana utilities: rent reclaimer, burn and lock, token scanner, wallet X-ray, hackathon screener and a vanity generator that runs in the browser.

File Converter Pro

Open source · Rust, Tauri 2

A desktop converter for Windows, macOS and Linux with 158 local conversion paths. No uploads and no telemetry.

The Trencher

thetrencher.wtf · JavaScript, Cloudflare, Unity

A satirical browser roguelike in early access. Every sprite is drawn in code and every sound is synthesized live, in a single file.

Gossima

gossima.app · Swift, computer vision

A padel scorekeeper on a spare phone that calls every point out loud and cuts your highlights. Coming to iPhone and Android.

SKILLS

Languages	TypeScript, JavaScript, Rust, Python, Swift, SQL
Frontend	React, Next.js, Tailwind CSS, Vite, Framer Motion, design systems, right-to-left layouts
Backend	Node.js, Express, Prisma, Stripe, Socket.io, Zod
AI	Claude API, Claude Agent SDK, MCP, agent harnesses, plus ChatGPT, DeepSeek, Kimi, Qwen and GLM
Data	PostgreSQL, Redis, SQLite
Infrastructure	Cloudflare, Linux, Docker, Nginx, PM2, GitHub Actions, Sentry
Other	Solana (Anchor, Jito, gRPC), React Native, Expo, Tauri, Electron, Unity, Blender, Figma, Playwright, Vitest

EDUCATION

BSc (Hons) Computer Science, University of Westminster

2023 to 2026

London. Machine Learning and Data Mining, Applied AI, Database Systems, Client-Server Architectures, HCI and UX, Cyber Security, Mobile Native Development, Internet of Things. Final-year project: ResBot, a voice-enabled reservation chatbot.

Computer Science Foundation Year, Heriot-Watt University Dubai

2022 to 2023

LANGUAGES

English and Arabic, both fluent.