

HAROUN TMIMI

Software Engineer · Full-Stack & Founder

harountmimi@icloud.com · +3 2494 134667 · Liège, Belgium · github.com/cowboyshibuya · tomcabs.com

Self-taught full-stack software engineer and founder who ships production business-management platforms used by real, paying customers. Strong across the stack in Python and TypeScript — from PostgreSQL data modeling and backend services to React/Next.js frontends and cloud deployment. Security-conscious, fast-learning, and product-driven, with a consistent track record of taking ideas from zero to deployed software.

TECHNICAL SKILLS

Languages: JS/TS, Python, Swift, SQL, HTML/CSS, YAML; working knowledge of C, C#, PHP, Java/Kotlin.

Frameworks & Libraries: React, Next.js, Node.js, Astro, TanStack, Convex.

Data & Backend: PostgreSQL, Supabase, Posthog, Convex, Better Auth, REST APIs, authentication (JWT/refresh tokens), Stripe & Stripe Connect.

Infrastructure & DevOps: Linux, Docker, Git/GitHub, AWS, Google Cloud, Vercel, Cloudflare (Pages/Workers), CI/CD.

Practices: Full-stack development, system administration, multi-tenant SaaS architecture, UI/UX design (Figma, Affinity), application security.

EXPERIENCE

Founder & Software Engineer — Desert Odes

2025 – Present

- Founded and run a software company delivering a production platform, with paying customers actively using the product day-to-day.
- Designed and built Tomcabs, a taxi fleet and dispatch management platform: ride and driver management, automated PDF road-sheet generation, and billing flows.
- Own the full product lifecycle — architecture, PostgreSQL data modeling, backend, frontend (Next.js/TypeScript), cloud deployment, and direct customer support.

Freelance Software Engineer

2024 – 2025

- Delivered internal systems, web and mobile apps, and management platforms for several small companies, owning requirements through deployment.
- Built **ZK Training**, a multi-tenant gym-management platform for staff and members (web app plus native Kotlin and iOS apps), with role-based access and per-tenant data isolation via PostgreSQL row-level security.
- Implemented secure authentication, Stripe subscription/payment flows, and custom-domain multi-tenancy on a Next.js + Supabase + Cloudflare stack.
- Applied a security-first mindset throughout — hardening access controls, fixing middleware header-tampering vectors, and resolving database-policy recursion issues.

Sound Engineer & Music Producer

2020 – 2023

- Stepped away from software to work as a sound engineer and composer, developing strong self-direction and creative problem-solving before returning to engineering with renewed focus.

SELECTED PROJECTS

- **Alabasta** : an intelligent team workspace and project-management platform with real-time collaboration and an AI multi-agent discussion layer (Convex + Next.js, Convex Auth).
- **Bayti** : a complete household and family management application with a multi-tenant data model (Convex + NextJS).
- **Earlier builds** : Unity 2D/3D games, an authentication system with JWT/refresh tokens, a password manager, a Notion-style notes app, plus iOS apps and Unity 2D/3D games.

EDUCATION & LEARNING

Diploma in Management Computer Sciences (Informatique de Gestion)

2019-2020

HELMo Liège · Belgium

Ongoing independent study in CS fundamentals, systems internals, and application security — building and learning daily.

LANGUAGES

French and fluent English