

ABDURAHMAN IBRAHEM

Software Engineer · Full Stack & Mobile

Canadian Citizen · TN eligible for the US · Open to relocation
abdurahman.i.work@gmail.com · +966 50 465 2167 · [LinkedIn](#) · [GitHub](#)

EXPERIENCE

Software Engineer

OneAvant · B2B SaaS

Feb 2026 – Present

Remote (Malta)

- Built a white-label guest platform for luxury hotels on mobile and in-room tablets, shipped to multiple properties from one shared codebase.
- Shipped real-time guest and staff communication: voice and video calling, chat with voice messages, and live AI translation (Agora, WebSocket, SSE).
- Built a voice control feature end to end, from on-device wake-word detection through streamed transcription to an AI agent that controls room devices and places orders.
- Deployed the Zigbee smart-room layer across hotel properties, commissioning curtains, lights, sensors and door locks controlled from the in-room tablet.

Software Engineer, Team Lead → Part time Developer

Mataa · E-commerce & Delivery

Sep 2024 – Present

Tripoli, Libya

- Architected and shipped the company's full app suite, customer, vendor and driver apps on a shared core, with a release pipeline that pushes updates without app-store delays.
- Built a unified payment layer covering 10+ local and global providers, including Stripe, Moamalat and LyPay.
- Built a server-driven storefront that lets non-technical staff redesign the app's interface from a web admin panel with no release required (React, TypeScript).
- Worked on the semantic product search and recommendation engines (Python, FastAPI, Qdrant, ONNX).
- Led the mobile team, owning code review, architecture and hiring. Moved to part-time development work in Feb 2026, still shipping releases and reviewing code.

PROJECTS

Daftaar · bookkeeping app for trucking fleets - [Link](#)

2026

Replaces the paper ledger a fleet owner keeps: log a trip and it settles each driver's share, advances and payments into one running balance, then exports the month for the accountant. Shipped end to end and live on the App Store and Google Play. Flutter, NestJS, Prisma, PostgreSQL, Shorebird OTA.

Native AI Bridge · Local AI Flutter Plugin - [Link](#)

2026

A Flutter plugin that provides access to Apple's on-device Foundation Models framework, available on iOS 26.0 and above. This plugin allows you to integrate Apple Intelligence features directly into your Flutter applications, offering powerful, private, and efficient AI capabilities.

Libya Pulse · crowd-sourced situational awareness - WIP

2026

Live map showing where to find fuel, working ATMs, open roads and power, blending community reports with data pulled from other sources so coverage holds when submissions are thin. Flutter, Laravel, PostGIS, Redis, WebSockets.

Fin-trak · local-first personal finance tracker - WIP

2026

Extracts statements from Libyan banks that expose no public API and builds a double-entry ledger entirely on the device, reconciling every import against the statement's own running balance so a misread column cannot pass silently. Vue 3, SQLite-WASM, React Native, NestJS, Postgres.

SKILLS

Languages: Dart, TypeScript, Swift, C# (.NET), Python, SQL

Frameworks: Flutter, React, Node.js / NestJS, .NET 9 / EF Core, FastAPI, Laravel

Data & Infra: PostgreSQL / PostGIS, Redis, Qdrant, Docker, Kubernetes, GitOps, CI/CD (GitHub Actions, Codemagic, Fastlane), Firebase

Spoken: English (native), Arabic (native)

EDUCATION

B.Sc. Computer Engineering

College of Electronic Technology

Tripoli, Libya

Graduation project: cost- and risk-aware GitOps platform with auto-scaling and self-healing.