ABDURAHMAN IBRAHEM

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EXPERIENCE

Software Engineer Feb 2026 – Present
OneAvant · B2B SaaS Remote

- Architected a white-label guest platform for luxury hotels on mobile and in-room tablets from a single Flutter kernel package, with per-property branding driven entirely by config and zero code forks.
- Engineered real-time guest and staff communication using Agora voice and video and WebSocket/SSE chat with live AI translation across 10+ languages.
- Built a voice control feature end to end in under two weeks: on-device wake-word detection, streamed transcription behind a vendor-agnostic layer, and an AI agent that controls room devices and places orders under per-tenant usage limits and privacy guardrails.
- Deployed the Zigbee smart-room layer across three hotel properties, commissioning hundreds of devices (curtains, lights, sensors, door locks) controlled from the in-room tablet over SSE.

Software Engineer, Team Lead Sep 2024 – Present
Mataa · E-commerce & Delivery Remote

- Architected and shipped the company's three-app suite (customer, vendor, driver) on a shared Dart core serving up to 115,000 monthly active users, 27,600 orders and 12.3M LYD in order value since January 2026.
- Built an over-the-air release pipeline with Shorebird and Codemagic that raised release frequency from 1.7 to 3.8 releases per month, a 2.2x increase in the six weeks after it shipped.
- Designed a unified payment layer integrating 10+ local and global providers including Stripe, Moamalat, Edfaly and Sadad behind one interface, processing thousands of gateway transactions across online, wallet and card-on-delivery flows in 2026.
- Built a server-driven storefront (React, TypeScript) letting non-technical staff restyle the app from a web admin panel with no release required.
- Led a mobile team of two inside a six-person engineering group, owning code review, architecture and hiring, and worked on semantic product search and recommendations (Python, FastAPI, Qdrant, ONNX).

PROJECTS

Daftaar · bookkeeping app for trucking fleets 2026
Shipped a multi-tenant bookkeeping app for trucking fleets end to end and published it to the App Store and Google Play, where it is used by 20 fleets managing around 50 drivers, replacing the paper ledger with one running balance per driver across trips, advances and expenses. Each tenant's books are isolated by an end-to-end test per endpoint, with Dart fixes shipped over the air without store review. Flutter, NestJS, Prisma, PostgreSQL, Shorebird OTA.

Native AI Bridge · Flutter plugin for Apple on-device models 2026
Flutter plugin exposing Apple's on-device Foundation Models framework (iOS 26+), letting apps run Apple Intelligence inference locally with no network round trip. Swift, Flutter platform channels, pub.dev.

Libya Pulse · crowd-sourced situational awareness 2026
Live crowd-sourced map of fuel, working ATMs, open roads and power, merging community reports with scraped sources so coverage holds when submissions are thin. Flutter, Laravel, PostGIS, Redis, WebSockets.

Fin-trak · local-first personal finance tracker 2026
Local-first finance tracker that parses statements from 12 Libyan banks with no public API and builds a double-entry ledger on-device, reconciling every import against the statement's own running balance to catch misread columns before they post. Shared core to web, iOS and Android with optional encrypted sync (XChaCha20-Poly1305) where the server never sees a description, account number or counterparty. 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

EDUCATION

B.Sc. Computer Engineering
College of Electronic Technology Tripoli, Libya