

AIMEN ELWAHAB

Flutter Mobile Developer | Software Development Lead

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PROFESSIONAL SUMMARY

Flutter Mobile Developer with hands-on Flutter experience since 2021 and commercial client-project experience since 2023. Currently works as a Software Development Lead and serves as the lead Flutter developer and sole mobile engineer behind Salahly, a production vehicle-service platform used for 320 real bookings, 100+ vehicles, and 300+ invoice and payment records. Experienced in product discovery, Clean Architecture, Supabase/PostgreSQL backend engineering, security, automated testing, full CI/CD, native Android/iOS integrations, and post-launch monitoring.

TECHNICAL SKILLS

Mobile & Architecture: Flutter, Dart, feature-first Clean Architecture, Cubit/BLoC, GetIt, SOLID

Backend & Databases: Supabase, PostgreSQL, Firebase, Laravel REST APIs, RLS, RPCs, Edge Functions, transactions, triggers, migrations

Security & Data Integrity: server-side authorization, role-based access, signed URLs, rate limiting, idempotency, audit trails, secure storage

Testing & Delivery: unit and widget testing, SQL security testing, Git, GitHub, GitHub Actions, full CI/CD, Google Play and TestFlight deployment

Performance & Monitoring: Flutter DevTools profiling, CPU/memory/network analysis, Firebase Crashlytics, asynchronous workflow optimization

Native Development: Flutter platform channels, Kotlin and Swift integrations, product flavors, iOS schemes, release signing

Integrations: Dio, Google Maps, push notifications, deep links, media uploads, pagination

PROFESSIONAL EXPERIENCE

Software Development Lead - Global Solutions Company | gscl.ly

2025-Present

Tripoli, Libya / Remote

Salahly - Vehicle Service and Workshop Management Platform

Oct 2025-Present

Lead Flutter Developer & Sole Mobile Engineer | In production since Apr 2026

- Led product discovery and end-to-end technical delivery, working directly with the company owner and workshop staff to transform phone- and WhatsApp-based operations into a structured Flutter and Supabase platform.
- Built and launched workflows covering booking, vehicle intake, photo/VIN/odometer documentation, invoice approval, repair tracking, payment verification, and delivery; the platform has managed 320 real bookings, 100+ vehicles, and 300+ invoice/payment records.
- Designed product and data-integrity rules including auditable invoice re-approval after edits, idempotent booking submission, immutable vehicle snapshots for historical bookings, and administrator-reviewed handling of incomplete VIN catalog data.
- Designed and implemented the Supabase/PostgreSQL backend with RLS, atomic RPCs, triggers, constraints, financial snapshots, audit history, authenticated Edge Functions, signed private-media access, and authorization across customer, administrator, and super-administrator roles.
- Established development, staging, and production environments with full CI/CD for analysis, automated tests, signed Android/iOS builds, and Google Play/TestFlight deployment, supported by tested backup, restoration, and disaster-recovery procedures.
- Monitored and improved the live application using Firebase Crashlytics and Flutter DevTools, resolving production issues including iOS APNs token timing and Android back-navigation behavior through native platform integration.

SELECTED CLIENT PROJECTS

Mudabbir - Internal Workforce Management Application

Mar 2024-Aug 2024

Main Flutter Developer | Internal production use

- Owned the Flutter implementation of an internal application used by employees, managers, HR, and administrators, collaborating with the senior engineer on architecture and workflow design.
- Built GPS- and geofencing-based attendance with shifts, lateness, early-departure and absence handling, plus two-level administrative approvals with rejection reasons and decision history.
- Integrated Laravel REST APIs with authentication and refresh tokens, pagination, file uploads, notifications, dependency injection, Cubit, role-based navigation, structured error handling, and automated tests.

Sahem - Citizen Issue Reporting Application

Feb 2024-Apr 2024

Flutter Team Lead | Client MVP proposed for municipal public-service reporting

- Led the architecture and most of the Flutter implementation for a citizen-reporting MVP covering issue categorization, descriptions, map-based location capture, photos, notifications, and status tracking.
- Integrated Firebase Phone Authentication, Cloud Firestore, Storage, Cloud Functions, and push notifications using Clean Architecture and Cubit.
- Implemented compressed concurrent uploads for up to five images with submission blocking and clear recovery handling; delivered a functional MVP before the project was discontinued for business reasons prior to public rollout.

Courses Management Application

Jun 2023-Dec 2023

Flutter Developer | Client learning platform used by students and instructors

- Contributed to the architecture and Flutter implementation of student, instructor, and administrative workflows for course discovery, enrollment, content publishing, video learning, and management.
- Integrated Laravel REST APIs using Dio, interceptors, pagination, media uploads, Cubit, and structured error handling; implemented resumable video playback and subscription-based content access.

EDUCATION

B.Sc. in Mobile Computing - University of Tripoli

2023

TRAINING & ACHIEVEMENT

Maharah Flutter Course - Libyan Spider

Jan-Feb 2024

Completed with certificate; supported by the United Nations Development Programme (UNDP).

CCNA Training

2022

Completed Cisco networking curriculum; certificate of attendance, no active CCNA certification claimed.

Top Honors - Plant Environment Monitoring Application

2023

University of Tripoli graduation project.

LANGUAGES & AVAILABILITY

Languages: Arabic - Native | English - Pre-Intermediate, actively improving

Availability: Open to remote opportunities and international relocation; available with approximately 15-30 days notice, depending on location and relocation requirements.

Demo videos, screenshots, APK builds, and private repository access are available during the recruitment process.