

MOHAMED BZIYAR

Software Engineer · Flutter · Laravel · Java · Supabase

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SUMMARY

Engineer specialized in GPS tracking and mobility: Teltonika data parsing, real-time maps (Mapbox/Google), and robust Flutter front-ends with Laravel/Supabase backends. Published 20+ apps, built native integrations, and shipped clean, testable architectures. Trilingual: Arabic, French, English.

FLAGSHIP PROJECTS / USA, CANADA & MOROCCO

SafeRoutz (USA): School transportation suite

Driver app (routing, turn-by-turn, ridership), plus Parent app (live bus tracking & notifications). Deployed on Google Play / iOS; company HQ in South Bend, Indiana.

Role: Lead Flutter engineer (apps), mapping, student ridership logic, background services, release ops.

Courrier Diakité (Canada, Quebec): Logistics & courier operations

Internal Android app (tours, pickups, parcel management) for drivers and staff; developer listing shows Brossard, QC contact.

Role: Flutter engineer, Laravel APIs, driver workflows, barcode/scanning, deployment & support.

OMA FLEET (Morocco): Co-founder & Lead Developer

Co-founded a fleet management venture with three partners. Currently leading the development of the entire system, built upon the Traccar platform, to provide commercial vehicle tracking solutions in Morocco.

Role: System architecture, back-end development (Traccar integration), and project leadership.

EXPERIENCE

Self-Employed

Software Engineer

Casablanca · 2019 – Present

- Delivered 20+ Flutter apps for clients worldwide; end-to-end from concept to store.
- Built scalable backends (Laravel/Postgres), using time-partitioning for high-frequency GPS data.

- Integrated real-time maps, background location, push, and analytics; optimized with BLoC & TDD.
- Upwork Top Rated Plus with a strong delivery track record.

NEW GPS

Flutter · Laravel · Java · GPS Engineer

Casablanca · Jun 2021 – Aug 2024

- Built a tracking platform (OpenGTS-based) with Flutter apps and Laravel APIs.
- Wrote a Teltonika binary parser to transform device frames into actionable telemetry & alerts.

SELECTED APPS (PUBLISHED)

Casablanca City: city services & info (Android & iOS).

Docker m3ak (Casky): driver safety assistance (Android & iOS).

FreshTrack: logistics visibility (Android & iOS).

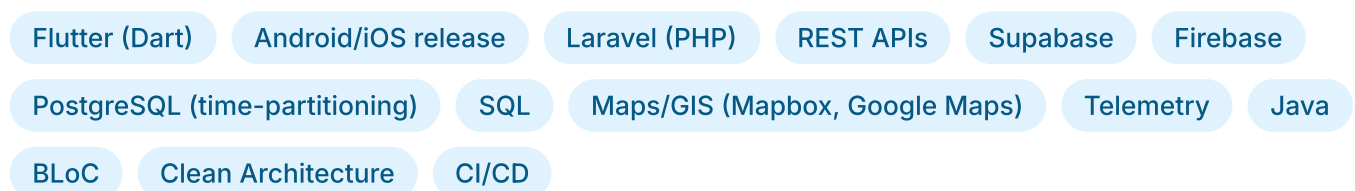
Casa Store: civic services portal (Android & iOS).

My Amana: insurance member services (Android & iOS).

WAJ: beauty-business management (Android & iOS).

SKILLS & EDUCATION

Technical Skills



Education

Bachelor's, Computer Science (in progress)

Ecole Supérieure de Technologie de Casablanca

Associate's, Computer Science

BTS (Brevet de Technicien Supérieur), Marrakech

LANGUAGES

Arabic (Native) French (Professional) English (Professional)