Omar Abo El-Khair *Mobile Developer | Software Engineer*

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Flutter developer with 2 years of experience shipping apps to Google Play and the App Store across delivery, e-commerce, fintech, loyalty, real estate, and education. Strong in Clean Architecture, BLoC/Cubit, 6 payment gateways, and real-time features, usually as the only mobile developer.

Experience

Mobile Flutter Developer, *N.I.T* Sep 2025 – Present | Giza, Egypt

- Sole mobile developer on ***Tawreedat Go*** and ***Tawreedat Courier*** delivery apps (**36** modules, **211** APIs) and the ***Nile Mall*** e-commerce app, using Clean Architecture and Cubit.
- Built real-time tracking (WebSockets, Google Maps and OpenStreetMap) and push notifications.
- Integrated **6** payment gateways, in-app purchases and Foodics POS in ***PayPoins*** and ***PayPoins Cashier*** .
- Rebuilt a legacy Moodle app as ***NIT Academy***, a multi-tenant LMS (**18** modules, **33** test files).
- Delivered ***Science&Bio***, ***Kotoof***, ***Almansy*** and ***Step2English***, and contributed to ***Loghat*** (MCIT-backed, **10k+** downloads).
- Built ***N.I.T Meet*** (video meetings), ***Eerad POS*** (offline-first, SQLCipher), now building **EAAC Learning** .
- Added jailbreak and root detection and a centralized Dio networking layer.

Mobile Flutter Developer, *FWRD* Oct 2024 – Mar 2025 | Alexandria, Egypt

- Owned core modules (property listings, mortgage calculator, analytics) on ***Blokkah,*** a real estate app (*Play Store*, *App Store*).
- Implemented scalable BLoC architecture and responsive, localized UI across Android and iOS platforms, working in a team of 2 mobile developers.

Skills

State Management
BLoC / Cubit, GetX

Payments
Paymob, Kashier, EasyKash, Fawaterak, Urway, HyperPay, PayPal, Stripe, In-App Purchases

Tools
Git, GitHub, Figma, Claude Code, Agile/Scrum (familiar)

Architecture
Clean Architecture, Repository Pattern, Feature-First structure, MVVM

Maps & Location
Google Maps SDK, OpenStreetMap

Programming Languages
Dart, Python, JavaScript

Networking & Data
RESTful APIs, WebSockets, Dio, Firebase, Supabase, Hive, Secure Storage, SQL, Flutter l10n/intl, Push Notifications

Testing & Release
flutter_test, Fastlane, GitHub Actions, Codemagic, Shorebird

Education

Bachelor's degree - Computing and Data Science, Sep 2020 – May 2024
FCDS, Alexandria University

12-month Intensive Bootcamp - Software Engineering, 2023 – 2024
Alx | Holberton.Inc

Languages

Arabic (Native), **English** (B2)