Hussein Mohamed

Flutter Developer | Mobile Software Engineer

hussein.mohamed.software@gmail.com | +20 1034442174 | Cairo, Egypt

linkedin.com/in/husseinmohamed99 | github.com/HusseinMohamed99 | husseinmohamed99.github.io

PROFESSIONAL SUMMARY

Flutter Developer and Mobile Software Engineer with 3+ years of experience building and shipping cross-platform applications for iOS and Android across fintech, fitness, and consumer products. Experienced in Flutter, Dart, Clean Architecture, BLoC, Riverpod, REST APIs, Firebase, Supabase, automated testing, and CI/CD. Currently responsible for mobile application development at Hayah Documentary, working on an Arabic-first bilingual cultural platform.

WORK EXPERIENCE

Flutter Developer – Hayah Documentary, Cairo, Egypt **Oct 2026 – Present**

- Responsible for the mobile application development workstream across iOS and Android.
- Developing Hayahbook, a bilingual, Arabic-first cultural reading and audio platform.
- Building mobile experiences for digital reading, audio content, social interactions, and cultural communities.
- Integrating REST APIs using Dio and working with Supabase and Firebase services.

Flutter Developer – Tuwaiq Pay, Remote **Sep 2025 – Sep 2026**

- Built and maintained a production fintech app for iOS and Android used by merchants for invoicing, payments, and transaction management.
- Delivered scalable features using Flutter and Riverpod with Clean Architecture, including sub-account support and differentiated UI/API behavior.
- Led key modules including authentication, biometric login, NearPay SDK integration, localized NFC error handling, and Arabic/English localization.
- Managed App Store and Google Play releases using GitHub Actions; resolved an Android 16 KB memory page-size issue and handled App Store review feedback.
- Collaborated with backend and UI/UX teams in an Agile/Scrum environment.

Flutter Developer – Octopus Software Solutions, Remote **Jun 2025 – Aug 2025**

- Contributed to SportyMate, a two-sided sports booking marketplace connecting players with trainers and clubs.
- Implemented booking requests, Paymob checkout, and authentication integrated with REST APIs and Firebase.
- Built responsive interfaces and helped establish GitHub Actions and Fastlane CI/CD workflows.

Flutter Developer – Valuerythm, Cairo, Egypt **Nov 2023 – May 2025**

- Built and maintained cross-platform iOS and Android applications with a focus on reliable functionality and polished UI.
- Integrated REST APIs and Firebase services and improved responsiveness through profiling and state-management refactoring.
- Applied BLoC and MVVM patterns, wrote unit and widget tests, and participated in code reviews within Agile teams.

Flutter Instructor & Team Lead – Google Developer Student Clubs (GDSC) **Oct 2022 – May 2023**

- Led weekly Flutter and Dart training sessions for 50+ students covering UI development, state management, and architecture fundamentals.
- Guided the Flutter sub-team through practical project development and Agile collaboration.

SKILLS

Languages & Platforms: Dart, Flutter, iOS, Android

Architecture & State Management: Clean Architecture, BLoC, Cubit, Riverpod, Provider, MVVM, Hydrated BLoC

Networking & Data: Dio, REST APIs, JSON Serialization, Freezed, SQLite

Backend & Services: Firebase, Firebase Cloud Messaging (FCM), Push Notifications, Supabase, Authentication, Firestore, Storage, SharedPreferences, Secure Storage

Testing & Quality: Unit Testing, Widget Testing, Integration Testing, Mockito, Debugging, Performance Profiling

DevOps & Tools: CI/CD, GitHub Actions, Fastlane, Firebase App Distribution, App Flavors, Git, Android Studio, VS Code, Xcode
Integrations: NearPay SDK, Paymob, Stripe, PayPal, Biometric Authentication
Ways of Working: Agile, Scrum, Code Review, Technical Mentorship

PROJECTS

Tuwaiq Pay **Sep 2025 – Sep 2026**
Production fintech application for merchant invoicing, payments, transaction management, biometric authentication, NearPay integration, and Arabic/English support.
Technologies: Flutter, Riverpod, Clean Architecture, NearPay SDK, REST APIs, CI/CD
Links: App Store | Google Play

5X Fitness **Aug 2026**
Bilingual fitness tracker with gym attendance, workout logging, daily plank goals, consistency streaks, exercise library, and body-progress tracking.
Technologies: Flutter, Riverpod, Firebase, Localization
Links: Google Play

Qisma **Aug 2026**
Guest-first group expense-splitting app for trips, roommates, and events, with equal/custom splits, balance summaries, settlement suggestions, and receipt OCR.
Technologies: Flutter, Riverpod, SQLite, Offline-First, Localization
Links: Google Play

StudyFlow **Oct 2026**
Offline-first study planner with weekly subject targets, free and focus session timers, spaced-repetition flashcards, and progress tracking; Arabic and English with full RTL support.
Technologies: Flutter, Offline-First, Localization (RTL)
Links: Google Play

Refqa **Jul 2026**
Offline-first Islamic companion featuring Quran reading and audio, prayer times, Qibla, Azkar, and related daily worship tools.
Technologies: Flutter, Riverpod, Clean Architecture, Kotlin
Links: Google Play

SportyMate **Jun 2025 – Aug 2025**
Sports booking marketplace connecting players with trainers and clubs, including schedules, booking requests, Paymob checkout, and QR attendance.
Technologies: Flutter, BLoC, Dio, Firebase, Paymob, Fastlane

EDUCATION

Bachelor of Management Information Systems – Elshorouk Academy **Sep 2019 – Jul 2023**
Cairo, Egypt | Grade: Very Good

CERTIFICATIONS

- The Complete Flutter & Dart Development – Udemy
- Flutter BLoC & MVVM Pattern – Udemy
- Flutter Clean Architecture – Udemy
- Flutter Development Diploma – Route
- Flutter Payment Integration (Stripe, PayPal) – Udemy
- Google Developer Student Clubs (GDSC) Team Lead Certificate

LANGUAGES

Arabic: Native | English: Professional Working Proficiency