

Hussein Mohamed

Flutter Developer | Mobile Software Engineer

hussein.mohamed.software@gmail.com | [+20 1034442174](tel:+201034442174) | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | Cairo, Egypt

PROFESSIONAL SUMMARY

Flutter Developer and Mobile Software Engineer with 3+ years of experience building and shipping production-grade cross-platform apps for iOS and Android in fintech and sports-tech domains. Specialized in Clean Architecture, BLoC/Riverpod, unit testing, and end-to-end CI/CD release management on the App Store and Google Play. Experienced in Agile/Scrum environments with a proven track record of performance optimization, scalable feature delivery, and mentoring junior developers.

WORK EXPERIENCE

Flutter Developer

09/2025 – Present

[Tuwaiq Pay](#)

Remote

- Built and maintained a production fintech app for iOS and Android used by real merchants for invoicing, payments, and transaction management.
- Delivered scalable cross-platform features using Flutter and Riverpod following Clean Architecture, including sub-account support with differentiated UI and API behavior.
- Led key modules: authentication, biometric login, NearPay SDK integration with localized NFC error handling, and multilingual support (Arabic/English).
- Managed App Store and Google Play CI/CD releases using GitHub Actions; resolved Android 16KB memory page size issue and handled App Store rejection.
- Collaborated within an Agile/Scrum team with backend and UI/UX to deliver a secure, high-performance mobile experience.

Flutter Developer

06/2025 – 09/2025

[Octopus Software Solutions](#)

Remote

- Contributed to SportyMate, a cross-platform (iOS, Android, web) sports management platform connecting players, trainers, and clubs.
- Implemented smart booking, real-time chat, and secure authentication integrated with REST APIs and Firebase.
- Built responsive, dynamic UIs with stable performance across Android and iOS.
- Set up CI/CD pipeline using GitHub Actions and Fastlane for automated testing and deployment.

Flutter Developer

11/2023 – 06/2025

[Value Business Planning](#)

Cairo, Egypt

- Built and maintained cross-platform iOS & Android apps with strong focus on UI polish.
- Integrated REST APIs and Firebase services for secure, efficient data flow.
- Improved app performance by 30% via profiling and state management using BLoC & MVVM.
- Wrote clean, testable code with unit/widget tests; conducted code reviews in Agile teams.

Flutter Instructor & Team Lead

10/2022 – 05/2023

[GDSC – Google Developer Student Clubs](#)

Cairo, Egypt

- Led weekly Flutter and Dart training sessions for 50+ students covering UI design, state management, and software architecture patterns.

- Supervised Flutter sub-team and guided members through real-world project development using Agile practices.
- Promoted open-source contributions and built a collaborative Flutter learning community.

SKILLS

- Languages & Platforms: Dart, Flutter, iOS, Android, Cross-platform Development
- Architecture: Clean Architecture, BLoC, MVVM, Riverpod, Cubit
- State Management: BLoC, Hydrated BLoC, Riverpod, Cubit
- Networking: Dio, REST APIs, Freezed, JSON Serialization
- Storage: Firebase, Hive, SharedPreferences
- Testing: Unit Testing, Widget Testing, Integration Testing
- DevOps & CI/CD: GitHub Actions, Fastlane, Firebase App Distribution, App Flavors
- Tools: Git, Android Studio, VS Code, Xcode
- Payments: NearPay SDK, Stripe, PayPal
- Methodologies: Agile, Scrum, Code Review
- Soft Skills: Teamwork, Communication, Time Management, Technical Mentorship

PROJECTS

Tuwaiq Pay

09/2025 – Present

Live Fintech App – [App Store](#) & [Google Play](#)

Production fintech application for iOS and Android used by real merchants for invoicing, payment processing, and transaction management. Features biometric login, NearPay SDK, sub-account management, and full Arabic/English localization. Built with Clean Architecture and Riverpod.

Tech: Flutter, Riverpod, Freezed, NearPay SDK, REST APIs, Biometric Auth, Localization, CI/CD

SportyMate

07/2025 – 09/2025

Live Sports Management App

Cross-platform sports management platform for iOS, Android, and web connecting players, trainers, and clubs. Features smart bookings, real-time chat, performance tracking, and analytics dashboards with cloud-based infrastructure.

Tech: Flutter, BLoC, Hydrated BLoC, Firebase, REST APIs, Real-time Chat, GitHub Actions, Fastlane

SystemPro

04/2025 – 06/2025

Real Estate Platform

Real estate app for the Saudi market with advanced property search, filters, bookmarks, real-time updates, and offline access via Hive. Scalable BLoC-based architecture with pagination and dependency injection.

Tech: Flutter, BLoC, Dio, Freezed, Hive, Dependency Injection

EGY DEAD

08/2024 – 11/2024

Movie & TV Guide App

Media browser for movies, series, and anime with smart recommendations, trailers, cast details, and categorized search.

Tech: Flutter, BLoC, Dio, Shimmer, Cached Network Image

Muslim

11/2023 – 12/2023

Islamic Lifestyle App

All-in-one Islamic app with Quran, Hadith, Azkar, Zakat calculator, and prayer tools. Bilingual (Arabic/English), light & dark themes, Firebase sync.

Tech: Flutter, Firebase, SharedPreferences, Localization

Tripso

03/2023 – 07/2023

Travel Planning App – Graduation Project

Tourism app covering Egypt, UAE, France, and Italy with top attractions, ticket pricing, maps, and historical insights. Includes user authentication and Firebase integration.

Tech: Flutter, Dio, Cubit, Firebase, Authentication

EDUCATION

Bachelor of Management Information Systems

09/2019 – 07/2023

Elshorouk Academy

Cairo, Egypt

Grade: Very Good

ACHIEVEMENTS

- Reduced app launch time by 40% via performance profiling and optimization techniques.
- Mentored and trained 50+ junior developers and students through GDSC.

CERTIFICATIONS

- The Complete Flutter & Dart Development – Udemy
- Flutter BLoC & MVVM Pattern – Udemy
- Flutter Clean Architecture | Flutter 3 – 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