Hussein Elbhrawy

Senior Flutter Developer | Software Engineer

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Senior Flutter Developer with 4+ years of experience delivering Android, iOS, web, and Windows applications. Experienced in mobile architecture, production support, offline data, automated testing, CI/CD, and end-to-end delivery.

WORK EXPERIENCE

Senior Flutter Developer | Faisal M. Higgi & Associates *(Part-time)* Nov 2025 - Present

- Owned Flutter development of an internal operations app and a maritime customer portal for mobile and web.
- Implemented employee attendance check-in/out and vehicle and company-asset handover workflows.
- Built task creation, assignment, editing, and tracking to support day-to-day employee operations.
- Added task discussions with text/image attachments and manager-triggered individual or broadcast notifications.
- Developed customer views for vessel crews, voyages, and marine services delivered to ships.
- Implemented in-app PDF signing for vessel captains and owners to replace manual document handoffs.
- Automated Android builds and testing/production web deployments with GitHub Actions.

Mid-Level Flutter Developer | Lavaloon *(Full-time)* May 2025 - Oct 2026

- Developed and supported a production Point of Sale (POS) system for Android and Windows.
- Refactored legacy GetX modules to BLoC/Cubit to simplify state handling and maintenance.
- Improved offline POS data handling, including local master-data loading and SQLite batch operations.
- Diagnosed and fixed production issues across transactions, API integrations, UI, and local databases.
- Built responsive, reusable UI components for mobile and desktop POS workflows.
- Added unit and integration tests for critical business flows, including closing-shift scenarios.
- Maintained CI/CD workflows for Android APK/AAB builds and Windows release packages.
- Contributed to ZATCA-related features, code reviews, and intern mentoring.

Flutter Developer | Independent *(Freelance)* Apr 2023 - Present

- Delivered Flutter apps across insurance, healthcare, logistics, travel, e-commerce, and marketplaces.
- Collaborated with clients on requirements, solution design, release preparation, and ongoing support.
- Integrated REST APIs, Firebase, payment gateways, push notifications, and local storage.
- Refactored existing apps, fixed production issues, and automated releases with GitHub Actions.

Mid-Level Flutter Developer | Visooft *(Full-time)* Oct 2023 - Jun 2025

- Built and maintained social, e-commerce, real-estate, and service applications in Flutter.
- Applied Clean Architecture to organize business logic, data access, and presentation layers.
- Refactored legacy code, fixed bugs, and improved application performance and maintainability.
- Added unit tests and supported code quality improvements across existing applications.
- Automated builds and distribution using Fastlane, CircleCI, GitHub Actions, and Codemagic.

Junior Flutter Developer | Computer Engine *(Full-time)* Mar 2022 - Sep 2023

- Built and maintained a healthcare application for Android and iOS using Flutter.
- Added unit tests and helped resolve development and implementation issues.

TECHNICAL SKILLS

Platforms: Flutter, Dart, Android, iOS, Web, Windows, Kotlin

Architecture & State Management: Clean Architecture, SOLID, MVC, MVVM, BLoC/Cubit, GetX, Provider, Riverpod

APIs & Data: REST APIs, Firebase, Floor/SQLite, SharedPreferences, Offline Data, Maps, Payment Gateways

Testing: Unit Testing, Widget Testing, Integration Testing

CI/CD & Delivery: GitHub Actions, Fastlane, CircleCI, Codemagic, Firebase App Distribution

Engineering: Git, Code Reviews, Mentoring, Responsive UI, Figma

PROJECTS

FMH Marine - Maritime customer portal & PDF e-signatures

FMH Operations - Attendance, assets & employee task management

Clean Point - Laundry booking, pickup & delivery

Al-Andalus Insurance - Vehicle insurance & claims

Nor-Elmasa - Umrah trips & hotel bookings

Byshnty - Dental treatment matchmaking

Discount Gallery - Discount coupon marketplace

Asalny - Community Q&A application

Harajna - Classified ads & marketplace

Square - Real-estate sales & rentals

Supmedical - Medical products marketplace

Almostashar - Client–lawyer consultation apps

Personal Website - Flutter web portfolio

EDUCATION

B.Sc. Computer Science | October 6 University | 2019-2023
GPA: 3.0/4.0 (Very Good, B+)
Graduation project: Student Attendance Mentoring System