

Mohammed El-Stohy

Flutter Developer | Mobile Application Developer

✉ mohamedelstohy147@gmail.com

☎ +201097567734

📍 Cairo, Egypt

🌐 Mohammed El-Stohy

Profile

Motivated experienced **Mobile Engineer** with 4+ years of experience building high-quality, user-centric applications. Specialized in **Flutter** with a strong focus on **scalability, performance optimization, clean architecture, and modular codebases**. Experienced in leading complex features end-to-end, improving code quality, and mentoring developers in Agile environments.

Delivered **15+ production applications** across **healthcare, education, maps, navigation and e-commerce**, ensuring robust architecture, reliable performance, and seamless user experiences. Strong hands-on expertise in **Flutter/Dart**, complemented by experience with **Swift, Kotlin, and Node.js**.

Skilled in designing maintainable solutions using **Clean Architecture, Bloc**, and modern engineering practices. Proficient with **Firestore, REST/GraphQL APIs, SQLite, Hive**, and advanced third-party integrations. Recognized for **clean code**, effective **problem-solving**, and a commitment to building scalable systems, reusable components, and pixel-perfect interfaces.

Professional Experience

Senior Flutter Developer - Full Time

01/2025 – Present | Mansoura, Egypt

Moltaqa ☑

- Took ownership of app architecture across multiple projects, designing and maintaining scalable, modular codebases using Clean Architecture, Bloc, and multi-module structure.
- Launched 9+ production-ready mobile applications.

Flutter Developer – Part Time

04/2024 – 12/2024 | Remotely

Spectrum For Information Systems

- Developed key features, including real-time inspection tracking, secure data management, and integration with external systems via RESTful APIs to ensure seamless and secure information flow.
- Worked closely with the product team to gather requirements and implement user-friendly interfaces.
- Collaborated with the QA team to conduct thorough testing, ensuring high-quality standards and bug-free releases for the app.

Flutter Developer - Full Time

12/2023 – 07/2024 | Mansoura, Egypt

Moltaqa ☑

- Spearheaded the development and design of cutting-edge mobile applications for both iOS and Android systems, focusing on intuitive user interfaces and seamless functionality.
- Conducted rigorous testing protocols, ensuring the reliability and stability of the software under various scenarios.

Flutter Developer – Part Time

01/2024 – 06/2024 | Remotely

Captivate App Solutions ☑

- Contributed to the development of custom mobile applications, ensuring high quality, reliability, and adherence to best practices.
- Actively collaborate within cross-functional teams while continuously learning and adopting emerging technologies to drive project success.

Flutter Developer - Full Time

12/2021 – 09/2022 | Mansoura, Egypt

IX Solutions

- Developed 2 mobile apps and 3 dashboards using Flutter, Dart, and Clean Architecture.
- Integrated advanced features: social login, live chat and live streaming.

Education

Bachelor's of Computer Science

Faculty of Computers and Information Sciences - Mansoura University

09/2017 – 08/2021 | Mansoura, Egypt

Skills

Mobile Development

Flutter & Dart, Cross-Platform App Development (Android & iOS), Kotlin (Android), Swift (iOS), Modular App Structure, Custom Animations, Material Design & Cupertino Widgets

UI/UX & Design Collaboration

Figma, Responsive Design, Pixel-Perfect UI implementation

Development Tools & DevOps

Git, GitHub, GitLab, Android Studio, Xcode, VS Code, CI/CD (basic pipelines)

API & Backend Integration

RESTful APIs, GraphQL (if used), Postman (API Testing), Firebase (Auth, Firestore, Storage, Messaging), Cloud Functions (basic)

Architecture & Programming

Clean Code, SOLID Principles, Object-Oriented Programming (OOP), State Management, RxDart, Clean Architecture, Modular App design, Socket programming, Programming Best Practices, Coding Standards, Optimization Application Architecting, and Engineering Collaboration

Collaboration & Agile

Agile Methodologies, Scrum, Jira, Code Review, Product Manager Collaboration, Cross-functional Teamwork

Soft Skills

Soft Skills

- Strong Debugging, Problem Solving, Communication, Team Collaboration, Agile Development, Continuous Learning, Responsible, Mentoring, and Technical Leadership.

Projects

EAHS UAE

08/2024 – 12/2024

Business e-Services App (Emirates Arabian Horse Society)

- Delivered a complex domain app for **Arabian horse services**, providing mobile access to **EAHS e-services** and society workflows.
- Implemented horse registry features, including horse profiles and **family tree/pedigree** navigation for **lineage tracing**.
- Integrated **UAE PASS SDK** for secure authentication and **e-signature** flows to complete official requests digitally.
- Implemented **real-time** data synchronization using **Firebase Realtime Database** to keep data consistent across clients.

Links: [Google Play](#) | [App Store](#)

EDA Inspection Mobile App (Government) @Spectrum

Regulatory Inspection App (Egyptian Drug Authority)

- Digitized the **end-to-end** on-site inspection workflow (assignment, checklists, findings, violations, and final submission) to standardize regulatory audits.
- Implemented offline-first data capture using **Hive** to persist inspection drafts, evidence metadata, and form state during low-connectivity field visits.
- Implemented secure evidence attachment handling (photos/documents per checklist item) to support compliance traceability and audit readiness.

- Built an offline outbox pattern to queue pending inspection submissions and retry syncing when connectivity is restored, reducing data loss risk.

Modo @Moltaqa

Multi-Vendor E-Commerce & Delivery Platform (User, Provider, Delivery)

- Contributed to the development of a **multi-vendor e-commerce platform** built with **Flutter multi-flavor architecture**.
- Implemented **core commerce flows**, including **product browsing, cart, checkout, and order lifecycle management**.
- Integrated **real-time order and delivery tracking** using **Google Maps SDK**.
- Developed **provider-side tools** for **store management, product catalog management, and order handling**.
- Emphasized **scalable architecture** and **shared components** across all role-based apps.

Links: Google Play (**User** [↗](#) , **Provider** [↗](#) , **Delivery** [↗](#)) | App Store (**User** [↗](#) , **Provider** [↗](#) , **Delivery** [↗](#))

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Multi-Role B2B Commerce Platform (Trader, Merchant)

- Contributed to building a role-based mobile platform in **Flutter/Dart**, delivering separate apps for **Trader** and **Merchant** with shared reusable modules and scalable architecture.
- Implemented **core commerce workflows** such as product discovery, order creation, and order lifecycle handling using **REST APIs** with robust validation and error handling.
- Developed Merchant-side capabilities aligned with **B2B** operations (catalog/inventory updates, order processing, and status management) with a focus on **Clean Architecture** and **Clean Code**.

Links: Google Play (**Merchant** [↗](#) , **Trader** [↗](#)) | App Store (**Merchant** [↗](#) , **Trader** [↗](#))

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Multi-Role Event & Ticketing Platform (User, Receptionist)

- Implemented **secure authentication, state management**, and **shared core modules** across apps.
- Built and optimized **QR/Barcode scanning** and **real-time ticket validation** for the Receptionist app.
- Focused on **clean architecture, scalability, performance optimization**, and **code reusability**.

Links: Google Play (**User** [↗](#) , **Receptionist** [↗](#)) | App Store (**User** [↗](#))

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Two-Sided Recruitment & Freelance Marketplace (Candidate, Employer)

- Implemented predictable state management using **BLoC/Cubit**, enforcing separation of concerns and improving maintainability across complex multi-step flows.
- Implemented in-app **real-time chat** using **Pusher Channels**, enabling instant message delivery and message synchronization between candidates and employers.
- Implemented in-app video meetings using **Zoom Video SDK**, including meeting rooms, runtime permissions (**camera/mic**), and call lifecycle handling (join/leave/end).
- Implemented backend integration via **REST APIs** and transactional notifications via **Firebase Cloud Messaging (FCM)** (interview updates, status changes).

Links: Google Play (**Candidate** [↗](#) , **Employer** [↗](#)) | App Store (**Candidate** [↗](#) , **Employer** [↗](#))

Certificates

- Information Technology Institute (ITI) [Sep 2020 Mar 2021] - ASP.Net Core MVC

Languages

Arabic — Native/Bilingual

English — Fluent