Mostafa Mahmoud

Mobile application developer with 1+ Years Experience —

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▶ YouTube   in LinkedIn   GitHub   ⛑ Military deferred til 2028

Summary

I am a good learner, can learn quickly, and am focused on developing my skills and gaining more experience.

Work Experience

Flutter Developer
June 2023 - current

Freelancer

Lead Flutter Developer
August 2022 - June 2023

Semicolon

- **Solely responsible** for App development in the company.
- Successfully Maintained, Reskinned, and Developed **over 20 projects**
- Proven **problem-solving** abilities to identify and resolve issues.
- Manage and distribute tasks and time under **pressure** situations.
- Dealing responsibly with **multiple daily tasks** of different projects, organizing, prioritizing, distributing, and following up on them in most cases til delivery to the client.
- **Collaborating closely** with back-end developers, communicating requirements and clarifying data specifications for new projects and issue resolution.
- The manager **recommended** me on my linkedIn profile.

Projects

El-Garayhi Education Center
2023

Integrated into Mentor Academy for schools and educational centers. Enables students to participate in lessons, exercises, and timed exams. Provides answer corrections promptly upon completion of the exam. Allows comparison of student performance with peers who completed the same test.

- Solely responsible for developing the project from scratch til deploy.
- Get **rewarded** by the manager for understanding project requirements, quickly implementing key features, and delivering them under pressure within a week.
- Continuous **customer support** for 6 months, dealing with tasks efficiently on Notion, and testing them before deploying with direct **cooperation** with back-end developers which led to client appreciation for the work provided and prompt response.
- Implemented **unit testing** for the exam functionality to ensure code accuracy, as it is one of the most crucial features of the applications.
- Developed code that's responsible for **managing internet outages** within the app. A seamless **data fetching mechanism** has been developed to ensure an uninterrupted user experience when the internet connection is restored.

Technical skills

Core
- OOP
- Flutter & Dart (Android, iOS & Web)
- Android native basics

State Management & Arch
- BloC, Provider & GetX
- Clean Architecture
- MVC Architecture

Back-end Integration
- REST API & Postman
- Firebase
- Firebase Cloud Messaging (FCM)
- APNs with FCM (iOS)
- OneSignal with FCM

Code Quality & VCM
- Clean
- SOLID Principles
- Unit Test
- Git & GitHub

Additional Skills
- Data Structure
- Payment Integration
- Algorithms & Problem-Solving
- Design Patterns
- UI & UX Principles

App Store Deployment
- Google Play console
- App Store & TestFlight

• Over **2000 downloads** from stores in 2023, with a rating of 4.6.

Google Play - App Store

Turkish House - Restaurant   2023

• Developed a "Branches" core feature for both user and waiter applications, tailoring it in each version to suit the app's functionality.
• Provided valuable **client support** in the final stages of the project, ensuring seamless implementation of requirements and timely resolution of issues. Coordinated with the back-end developer in assigning tasks to him.

User: Google Play - App Store

Waiter: Web - App Store

Delivery man: Google Play - App Store

Geo4physics Education Center   2022

• Devised an innovative **solution** to solve the problem of accessing videos securely within the application, in close collaboration with the back-end developer.
• Resolved **App Store guideline** violations related to the WebView app, and successfully published it as "Read only" app.

Google Play - App Store

Encrypt It   2021

An app that encrypts and decrypts texts by password using unique and strong encryption algorithms.

• Developed a special encryption algorithm while still learning Flutter in the beginning.
• Devised a unique encryption approach that enhances security by **generating different, random ciphertext** each time the same text is encrypted, ensuring the utmost protection of the algorithm.
• Implemented a robust **password-based** encryption and decryption system.
• Neumorphism UI design.

Google Play

Soft skills

- Analytical thinking
- Quick learning
- Client Support
- Skillful Searching

- Attention to detail
- Communications
- Critical thinking
- Design Principles

- Debugging skills
- Dive into a Code & Modification
- Notion
- Time management

Certificates & Courses

• **Android native (kotlin)** - YouTube, 2023
• **Kotlin** - Udemy, 2023
• **UX Design** - Edraak, 2023
• **Flutter Clean Architecture** - Udemy, Usama Elgendy, 2023 - Udemy, Tharwat Samy, In Progress
• **UI Design** - Udemy, 2023 - YouTube, 2021

• **CS50** - YouTube, Abdulrahman Gamal, In progress
• **Git & GitHub** - YouTube, Elzero, 2022
• **Flutter** - Udemy, A. Mansour, 2022, Udemy 90%, H. Fulaih, 2022
• **Dart** - YouTube, 2019 - Udemy 95%, Hassan Fulaih, 2022
• **Java & OOP** - YouTube, Abdullah Eid, 2019
• **Design Principles** - YouTube, 2019 - YouTube, 2020