

Mostafa Mahmoud

Mobile application developer with 1+ Years Experience

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📅 Jan, 2000

📍 Egypt, Cairo.

📺 [YouTube Channel](#)

🌐 [LinkedIn](#)

🐙 [GitHub](#)

📖 [StackOverFlow](#)

🛡 Military deferred

Summary

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

Work Experience

Flutter Developer

Jan 2024 - current

[Amyal Smart](#) - Saudi Arabia

- Solely responsible for developing Amyal Service app from scratch.

Flutter Developer

June 2023 - current

Freelancer

Flutter Developer

August 2022 - June 2023

[Semicolon](#)

- **Solely responsible** for App development.
- Successfully Maintained, and Developed **over 10 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

Amyal Service

Working on..

An application providing car washing and parking services in Saudi Arabia in partnership with the private sector, serving multiple regions in the Kingdom.

Fursado

Jan 2024

Classified ads application (Olx clone).

I was responsible for developing the app from scratch as well as improving the app interface.

[Google Play](#)

Internet checker package (demo)

2023

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]
- Android native basics

State Management & Arch

- BloC & Provider
- 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 code
- SOLID Principles
- Unit test basics
- 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

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 a direct **cooperation** with back-end developers which led to client appreciation for the work provided and prompt response.
- Unit testing implemented for the exam functionality to ensure code accuracy.

[Google Play](#) - [App Store](#)

Turkish House

Restuarant in Saudi Arabia.

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](#)

Delivery man: [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 | - Attention to detail | - Debugging skills |
| - Quick learning | - Communications | - Dive into a Code & Modification |
| - Client Support | - Critical thinking | - Notion |
| - Skillful Searching | - Design Principles | - Time management |

Certificates & Courses

- **Android native basics (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](#) - A. Gamal (90%)
- **Git & GitHub** | [YouTube](#) - Elzero (2022)
- **Flutter** | [Udemy](#) - A. Mansour (2022) & [Udemy](#) - H. Fulaih (2022)
- **Dart** | [YouTube](#) (2019) & [Udemy](#) - H. Fulaih (2022)
- **Java & OOP** | [YouTube](#) - Abdullah Eid (2019)
- **Design Principles** | [YouTube](#) (2019) & [YouTube](#) (2020)