

# Mostafa Mahmoud

Mobile application developer with 2+ Years Experience

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📅 Jan, 2000

📍 Egypt, Cairo.

📺 [YouTube Channel](#)

in [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

Freelancer

June 2023 - current

### Flutter Developer

[Semicolon](#)

August 2022 - June 2023

- **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 - KSA

Mar 2024

An app for car washing and parking services in the kingdom of Saudi Arabia with reservations and subscriptions implemented from scratch.

- Solely responsible for developing the project from scratch with different functions based on user role (user, employee, supervisor).
- Implementing a **real-time update** on the status of orders in the employee version, in addition to employees updates in the supervisor version based on FCM.
- Working with **Agile**, constantly following up on the work closely with the Team Leader, following up and adding tasks on **Trello**, and closely cooperating with the back-end developer.
- Implementing real-time pricing for products, discounts, taxes, and dealing with payment cases in the application smoothly.
- Cleanly validate in-app dates and input fields, improving the UX.
- Implementing code extensions to facilitate text styles in the application and facilitate modification or adding dark mode later.
- Implementing functions to facilitate the user experience such as simultaneously processing license plate data entry in both languages and performing validation as required, leading to successful application functionality and less bugs.

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

## Technical skills

### Core

- Flutter & Dart (iOS, Android)
- Android native basics

### State Management & Arch

- BloC, Cubit & Provider
- Clean Architecture
- MVC Architecture

### Back-end Integration

- REST API & Postman
- Firebase, FCM & APNs (iOS)
- OneSignal

### Code Quality & VCM

- Clean code
- SOLID Principles
- Unit test basics
- Git & GitHub with a team

### Additional Skills

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

### App Store Deployment

- Google Play console
- App Store & TestFlight

## Bul Ve Al

Jan 2024

Classified ADs application in Turkey.

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

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

## SpaceX

2024

Internship mobile app project for SpaceX APIs with some simple functions.

- Implementing flutter Flavors for both android and iOS.

[GitHub](#)

## Online checker package (demo)

2023

Flutter package for managing internet connection outages within the app. A seamless data fetching mechanism has been developed to ensure an uninterrupted user experience when the internet connection is restored.

## El-Garayhi Education

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.

- 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 - KSA

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.

[App Store](#)

## Geo4physics Education

2023

- Devised an innovative solution to solve the problem of accessing videos securely within the app, in close collaboration with the back-end developer.
- Achieved a reduction in the app's size and improved loading times and minimal device resource consumption.

[Not available on stores right now!](#)

## Wassally

2023

Restuarant App.

handle chat functionalities with handling with message types with close cooperation with the back-end developer.

[Not available on stores right now!](#)

## 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

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- 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

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- Android native basics | [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 (80%)
- Git & GitHub
    - [YouTube](#) - Elzero (2022)
    - [YouTube](#) - BigData (2024)
  - 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)