

Mahmoued Mohamed

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[Portfolio](#)



Summary

I'm Mahmoued as you can see of course, **Human** in the first place, **Software Engineer & Writer**, **22** Years old, **+1** Year of experience, Passion when it comes to anything related with programming, Experienced when it comes to Develop with **Flutter**, **Laravel** or **Java**, Seeking always for the best, Open to learn, Develop & Ship any kind of software.

Education

■ 26/09/2016 – 16/8/2020

Bachelor of Computer Science

Faculty of Computers and Artificial Intelligence, Cairo University (Egypt)

Computer Science Department (Major), Information System (Minor)

Work Experience

Software Engineer

Initium Solutions

11/10/2020 – Present

Cairo, Egypt

Achievements/Tasks

- Design and build advanced applications for the iOS Platform & Android platform in Flutter.
- Define, design, and ship new features.
- Work with outside data sources and APIs.
- Work on bug fixing and improving application performance.
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency.

Additional Tasks

- Attend Training sessions as Trainer for newly shipped softwares.
- Support Customers for better customer experience.
- Work with Microsoft CRM to design project models structure "CRM Customization Entities", Add business flows "CRM Customization Process Flows, PowerApps Flows", Create views, reports, Add System roles, user profiles to support multi user authorization.
- Develop multiple JS scripts, web pages for CRM.
- Attend analysis phases, participate in Requirements Gathering meetings.
- Document several application user guides, APIs developer guides.
- Work with Zoho to design project's structure, follow business flow, work with its APIs to support mobile applications calls.
- Adopt several softwares "Ex. Azure ActiveDirectory (AAD), Microsoft Dynamics"

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Projects

My Ogive Collection

Ogive is a side long term life project, intended to generate multiple software to help the world.

- Ideas & features producer.
- Developing Backend with [Laravel](#).
- Developing Mobile Applications with [Flutter](#).
- 1. **Ataa "Giving" Lite:** Ataa helps people to get their over needed food to anyone that maybe can't find any food to eat.
 - Deals with:
Google maps, geolocator, google fonts, google analytics, admob, Facebook audience, firestore, provider, shared preferences.



- 2. **Ataa "Giving" Full Version:** Beside it's main functionalities, Ataa now has a full achievement center, containing levels, badges, etc.

★ Currently under Construction

- 3. **Ahed "A Promise":** Ahed is where your donation should go.

★ Currently under Construction.

- 4. **White or black:** White or Black helps users to know what they would wear today based on today's weather using Naive Bayes Machine learning model. It can also be used as a weather app without looking at the result as it provides needed info.
 - Deals with:
Geolocator, weather API, google analytics, admob, Facebook audience, provider, shared preferences, notifications.



- 5. **Memory Wall:** Memory wall is the place where the memory of the people who left us is saved.

★ Will be published soon.

- 6. **Breed Me:** Breed me is the place for all the pet lovers, users can post pets for adoption, receive adoption requests, participate in pet matters consultations, check places, articles and all other the staff that relates to pets.

★ Will be published soon.

❖ Ogive also has authorization System, Token system for API Calls Security.

★ [Github Link](#)

iSign

iSign™ is a powerful, yet easy to use platform that helps in attendance and access control management using Only smart devices.

★ Published!



- Developed it using [Flutter](#), Microsoft PowerApps flows, Microsoft dynamics CRM.

xDesk

xDesk™ is a powerful application that's used to manage stores inventory, items transactions & asset control management.

★ Published! -In Door-

- Developed it using [Flutter](#), Microsoft Dynamics CRM & Dealt with Microsoft Web API.

eRaffle

eRaffle™ is a platform that enables you to participate in raffles and prize competitions.

- Developed the backend using Microsoft Dynamics CRM, Microsoft PowerApps flows.

Fe Sektak

Fe sektak is a carpooling application that mainly has two sides, one for the drivers and the other for the passengers. It also has a real time tracker for each ride, and a real time notification system.

- Developed it using [Flutter](#), [Laravel](#).
- Was the team Leader, Created Overall architecture of the app

Other Projects

- ❖ **Control It All:** simply a program that helps to control your PC which is on the same network with your mobile.
 - Developed it Using [Flutter](#), [Spring Boot](#).
- ❖ **Art Spot:** Artspot is an online store to show & buy paintings.
 - Developed it using [HTML](#), [CSS](#), [JS](#), [Laravel](#).
- ❖ **GMS:** Gym Management System is used to handle everything related with Personal Trainers, Gym Subscription Plans, Gym Financial matters. [Github Link](#)
 - Developed it using [HTML](#), [CSS-Bootstrap](#), [JS-JQuery](#), [Laravel](#).
- ❖ **xDesk SCM:** xDesk SCM is all what you would need to start the product's shipping process.
 - Developed the mobile application using [Flutter](#) & the web application using Microsoft Dynamics CRM.
- ❖ **SMS Gateway:** SMS Gateway app acts as SMS Sender & SMS Watcher.
 - Developed it using [Flutter](#), [Firebase](#), [Zoho Creator](#).
- ❖ **Initium Careers:** Initium Careers makes recruiting easier than you would ever imagine.
 - Idea & Features Producer.
 - Developed it using [Flutter](#).
- ❖ **Initium In:** Do your job in an easier way, connect with your colleagues & watch your overall progress.
 - Idea & Features Producer.
 - Developed it using [Flutter](#).
- ❖ **Customer Satisfaction Survey:** Keep tracking of your company progress, take surveys, and hear your customers' ideas.
 - Dealt with LED Control System, Qmatic System.
 - Developed it using [Flutter](#), [Android Native](#), [Power Automate](#), [Dynamics CRM](#).
- ❖ Meeting Management App, iSign KIOSK, Nominee App, Tendering Mobile App, iCommunity.

Knowledge & Skills

Have Knowledge About

Flutter/Dart
Laravel/PHP
Java SE
Java EE/JSP/Servlets
Native Android/Java

Other Languages

HTML
CSS/Bootstrap
C/C++
JavaScript/JQuery

Database

MySQL/ SQL Server

Developing Tools

Git
Jira
Postman
Android Studio
PHPStorm
Eclipse
VS Code
XCode 12

Familiar With

Virtual machines
Python
Vue Js
Spring Boot
React JS
C#/.NET
AWS RDS, Serverless Apps

Non-Programming Knowledge

Agile
Photoshop
Word/PowerPoint

Soft Skills

Problem Solver
Team Leader
Good Communicator
Enlightened Person
Content Creator
Quick Learner

Technical Knowledge

OOP
Algorithms
Data Structures
SOLID Principles
Design Patterns

Platforms

Firebase
Microsoft Dynamics CRM
PowerApps Flows
Zoho Creator
Azure AD
Zoho CRM
Dialog Flow

Languages

Arabic (Native)
English: Very Good
Deutsch: Basics

Other Info

Military Info: Exempted