

Amr Alaa Ali

Flutter Developer

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<https://github.com/Amr8tom> <https://www.linkedin.com/in/amr-alaa-6433b0222/>

https://amr8tom.github.io/MY_CV/

Work Experience

Flutter Developer DUAYA

Led the development of a mobile app for managing health products from scratch, focusing on clean code and scalable architecture.

- Successfully released the app on the Play Store, which now serves a wide user base.
- Utilized Flutter, Dart, Firebase, and clean architecture principles to ensure performance optimization.

Flutter Developer Trainee

General Administration of Giza Governorate in attaba

Building and developing simple mobile applications

Flutter Developer Trainee

Instant

During the training period, I developed various applications, and I used MVC as Design Pattern , Getx as State Management , Taking care to keep the code clean and used Api

Bioinformatician Trainee

The British Institute

Training on **Genomic Data Analysis , Sequence Alignment , Structural Bioinformatics , Next-Generation Sequencing (NGS) , Data Visualization, Statistical Analysis Machine Learning and Data Mining and, Database Management**

Education & Certifications

Fauctly of Computer and Articial intelligence

Cairo University

Bachelor of Science in Computer Science and Bioinformatics

Udemy

The Complete 2022 Flutter & Dart Development Course

The Complete Flutter Development Guide

Algorithm Analysis & Design Course From A to Z

General Administration of Giza Governorate

Full Course in Flutter & Dart Development Under the government's supervision

The British Institute

View && Download certifications

https://drive.google.com/drive/folders/15-c8BqU0_Y_gFjMJ9WnxaPYI8eaosM0s

Graduation Project:

Convolutional Natural Neural Using Deep Learning and Flutter to detect ealy signs of oral cancer using camera of phone

<https://github.com/Amr8tom/DMC>

Skills

- Programming languages:
 - Dart
 - python
 - R
 - C++
- Object-oriented and Basic programming:
 - Object-oriented Programming
 - DataStructure
 - Alorigthm

Software Engineering

- solid principles
- Web Services and Apis:
 - Rest-API
 - Dio
 - Http
 - Retro t
- Database Development:
 - SQLite
 - SQL
 - Firebase
 - SharedPreferences
 - MongoDB
-

MobileDevelopment:

- Android Studio
- Flutter Platform
- Software Design Pattern:
 - MVC
 - MVP
 - MVVM
- State Managment :
 - Provider
 - Bloc
 - Getx
- Onther Skills :
 - Git
 - Github
 - Postman
- Soft Skills :
 - TeamWork
 - WorkUnderPressure
 - Communication Skills
 - Presentation skills

8/2023 - Present

Projects

Amhed Saied el dian App (E-commerce App)

Im currently in the exciting phase of preparing the app for launch on Google Play for Android users and the Apple App Store for iOS users

<https://github.com/Amr8tom/Ahmad-Saadeddin-Store>

https://play.google.com/store/apps/details?id=com.Amr.Amr_alaa

Features :

Firestore Notification REST API Integratio Clean Architecture Dio for Network Requests -

Authentication via API - GetX for State Management - Google Maps Integration – Localization (AR-EN)

Dynamic Search - User Profiles: -Secure Payment via API

Order Management: Innovative UI - Shared Preferences

Masjid Quba (Prayer Times App)

This app provides a comprehensive solution for users, allowing them to easily access and manage prayer times. It empowers users to customize their prayer time notifications, offers a user-friendly interface, and ensures a seamless experience for staying connected with their faith. This application is designed for a client from Pakistan.

Version on google play

<https://play.google.com/store/apps/details?id=app.masjidquba.android&pli=1>

another version will be released nearly (its code and some SS of it)

https://github.com/Amr8tom/Masjid_Quba

Features :

Custom Notifications - Firestore Integration - Shared Preferences

Webview Integration - Web Browser - AwesomeNotification

Time Pickers - GetX for State Management- Clean Code

DMC App (medical app)

a full Flutter app for early detection of oral cancer using Convolutional Neural Networks (CNN) for image analysis is a complex project that involves multiple steps and considerations

<https://github.com/Amr8tom/DMC>

Features :

Custom Notifications - Firestore Integration – Data augmentation

Web Browser - Google Maps APIs - Image Picker – Https methods (post - get)

Time Pickers – cubit State Management - CNN (Convolutional Neural Network) model using keras- Firestore Authentication – Flask for building an API – Image Preprocessing

Posts App (Social app)

The Social Posts App is a modern, user-friendly application designed to streamline the process of creating, sharing, and interacting with posts in a social network. It employs the MVVM architecture for efficient data management and utilizes APIs to fetch and display posts from various users

<https://github.com/Amr8tom/SocialPost-APP-MVVM->

Features :

MVVM Architecture - API Integration - Post Creation

Trusted products App (Scan QR code app)

Trusted product App is a My Seamlessly detect and evaluate the quality of any product by scanning its QR code. From manufacturing details to authenticity checks, I've got you covered! The Basic result will be Trusted product which I recommend it for u or untrusted products **on play Store >>**

https://play.google.com/store/apps/details?id=com.Amr_and_Khaled.trustedproducts

Features :

Clean Architecture - API Integration - Flask For creating API – GetX

QR code Scanner – WebView – Lottie – deployment python Api on Zeet.co – BST for searching in products

Many other Applications

<https://github.com/Amr8tom?tab=repositories>

There are many other mobile applications and designs developed using Flutter or Android Native such as Uber, Todo-App, Weather-App, quote- App, News App and many more that can be found via the link accompanying the project

Personal Data

Gender: Male

Nationality: Egypton

Military Service: Full Exemption

Languages: Arabic and English