

Abdelrahman Ahmed

Mobile Developer

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EDUCATION

Information Technology Institute ITI, 9-month Diploma, Native Mobile Application Development Track – 2021 - 2022

Faculty of Commerce, Accounting Department, Alexandria University – Good Degree – 2015 - 2019

EXPERIENCE

Mobile Developer, CME; Remote – FEB 2024 - Present

- **.NET MAUI Mobile Application (C#)**
 - Developed and maintained new features for the mobile app while collaborating with a US-based client, ensuring a seamless user experience and robust performance.
 - Initiated and developed a new .NET MAUI application from the ground up, implementing a scalable MVVM architecture and establishing the project structure to support future growth and maintainability.
 - Led the refactoring to adopt an MVC architecture for an existing legacy Xamarin Native app, improving code maintainability and scalability.
 - Introduced and integrated unit testing into an existing project, increasing code coverage to 80%, enhancing reliability, and reducing regression issues.
 - Contributed to the integration of CI/CD pipelines using Microsoft Azure and monitoring solutions with Datadog, streamlining the deployment process.

Mobile Developer, Innuva IT Solutions; Alexandria, Egypt – AUG 2022 - FEB 2024

- **[Contivio](#) - Flutter Mobile Application (Dart and Swift)**
 - Working on native iOS codebase to ensure application optimization.
 - Dealing with RTC communication with Flutter and native code.
- **[Oone Wallet](#) - React-Native Mobile Application (Typescript)**
 - Developed a crypto wallet app from scratch, involving ethersjs, RPCs, Contracts and various APIs.
 - Playing a key role in designing the application's structure and architecture.
 - Working on Agile methodology and Jira conducting daily meetings and coordinating task assignments and meeting deadlines.
- **[Optum Telehealth](#) - iOS Mobile Application (Objective-C and Swift)**
 - Successfully led the migration of an iOS application to ensure compatibility with iOS 15, resolving critical bugs within legacy codebase.
 - Managing app deployment on the app store.
- **[SonsOfLight](#) - Flutter Mobile Application (Dart)**
 - Collaborated with cross-functional teams to identify and resolve technical issues, ensuring the project's stability and functionality.

- Led the implementation of new features, contributing to the project's enhanced functionality and user experience.

Mobile Developer, Freelancer on Upwork – MAR 2021 - SEP 2023

- **AvailTo - Flutter Mobile Application (Dart)**
 - Building a complete social media app for voice and video calls for available users.
 - Technologies: Provider, Zegocloud SDK, Firebase, User Authentication.
- **KFNL - Flutter Mobile Application (Dart)**
 - Building King Fahad National Library application from scratch, calling different GET/POST APIs and sending different customizable user form requests.
 - Technologies: Provider, http, Animations.
- **Inventory App - iOS Mobile Application (SwiftUI)**
 - Contributing to a complete stock and inventory management application, working on complex features with a deep OOP implementation.
 - Technologies: RxSwift, DI, Firebase Firestore.
- **Logo Quiz - Android Mobile Application / Django Framework (Kotlin / Python)**
 - Designed and developed a logo quiz Android application using Kotlin, featuring multi-level challenges, implementing a customizable backend with Django framework, complete with an admin panel for seamless addition, editing, and deletion of questions and answers, offering full control to the super user.
 - Technologies: MVI, Room, Dagger, Coroutines, Navigation components.

PROJECTS

- **[Shop App](#) - Flutter Mobile Application (Dart) – 2022**
 - Building a complete E-commerce application supporting account creation and adding, editing and deleting products, adding to cart and making orders.
 - Technologies: Provider, Firebase realtime, Firebase Auth, Animations.
- **[E-Commerce App](#) - iOS Mobile Application (SwiftUI) – 2021**
 - Contributing to a complete E-commerce application with Shopify in which users can create their account, view products, add items to cart, online payments.
 - Technologies: MVVM, CoreData, Unit Testing.
- **[Medical Reminder](#) - Android Mobile Application (Java) – 2021**
 - A cloud-synced mobile app for effective medication management.
 - Technologies: MVP, Room, Broadcast Receivers, Firebase.
- **[News App](#) - Android Mobile Application / Django Framework (Kotlin / Python) – 2020**
 - Complete system with an admin panel allowing user to CRUD news listed in the app.
 - Technologies: MVI, Room, Dagger, Coroutines, Navigation components.

SKILLS

- Languages: C#, Dart, Typescript, Swift, Java, Kotlin, Objective-C, Python.
- Programming Paradigm: OOP, Design patterns, Clean architecture with (MVC, MVP, MVVM, MVI), Data structure, Algorithms and Unit Testing.

CERTIFICATES

Android Development Track - [Udacity](#) – Aug 2019