Abdelrahman Ahmed

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Summary

Dedicated and enthusiastic **Native Android Developer** with a strong foundation in **Kotlin**, **Jetpack Compose** and architecture patterns like **MVVM**.I am Seeking to leverage technical skills with latest technologies in the field and to Collaborate with others to build Useful and Helpful Moblie Applications to solve real world issues and make people's live easier and better.

Education

Helwan University, BS in Computer Science   Oct 2020 – June 2024
- GPA: 3.33/4.0 **Very Good** with honor degree

Expreience

Mobile Developer Intern, Digital Egypt Pioneers Initiative **DEPI** – Hypered   Apr 2024 – present
- Implemented **Design Patterns** and **SOLID Principels** with **Java**
- Learnt **Flutter** by implementing several small tasks

Android Developer Intern, Orange Digital Center && Amit Learning – Cairo, Egypt   Sept 2024 – Sept 2024
- Developed Android App (Meals app) with **Kotlin** and **Jetpack Compose**
- Implemented **Multi-Module** architecture with **Use cases**

Android Developer Intern, Information Technology Institute **(ITI)** – Online   July 2024 – Aug 2024
- Collaborated with team of **5** developers to build (Recipes App) with **Kotlin** and **XML**
- Managed Github Repository with **+150** commits
- Achieved **+25** tasks in different parts on Android Developement
- Learnt about Mobile Application Developement Lifecycle

Projects

Recipe App (ITI Summer Training Graduation Project)   Github
- A smart recipe app that leverages modern Android libraries such as **Retrofit**, **Room**, and **Fragment Navigation**. It offers seamless API integration, advanced data management, and intuitive navigation, delivering a polished and user-centric culinary experience.
- Colaborated with **Team of 4** Android developers to build this project.
- Developed **Recipe Details Fragment** which is responsible for displaying recipe details via calling a GET request to a **REST API** with a handling to No Network cases.
- Designed the **UI** with **XML** with third-party libraries like **Glide** to handle images loading
- Implemented best practices in architecture with **MVVM** and **Repository** Design Pattern.

Password Manager   Github
- application for password Generation and Management.
- Developed using **Kotlin** and **Jetpack Compose** for a modern and efficient user interface.
- Leveraged **Room** database for robust local data storage for Generated Passwords.
- Integrated **Navigation** component to ensure a smooth and intuitive user experience within the app.
- Implemented **Dependency Injection using hilt** to handle dependencies across the whole project.
- Built with **Clean Architecture** using **Use Cases**

Gym Nashaat Github ↗
- application for helping Gym manager to manage players in the gym locally on his mobile. **Firebase** was used as experiment.
- Developed using **Kotlin** and **Jetpack Compose** for a modern and efficient user interface.
- Leveraged **Room database** for robust local data storage of gym members and their activities.
- Integrated **Navigation** component to ensure a smooth and intuitive user experience within the app
- Experimented with **Firebase** to explore its potential functionalities for future development.

Twitter Clone Github ↗
- **UI-Only** clone for Famous app Twitter. using common jetpack compose ui components like Scaffold and Navigation Drawer
- Developed solely to hone my skills in building user interfaces using **Jetpack Compose**
- This project replicates the core **UI** elements of the popular social media platform Twitter

Skills

Technologies: Kotlin, Jetpack Compose, Retrofit, Room, Date Store, Naivigation Compose, Hilt, Coil, Java, Firebase (Basic Knowledge), Unit Testing (Basic Knowledge), Instrumentation Testing (Basic Knowledge).

Tools: Android Studio, Android SDK, Gradle, Version Control via Github and Git

Soft Skills: Time Management, Team Player, Pressure Handler