

# Karim Abdallah

## Android Engineer

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[Github](#) | [Linkedin](#) | [dev.to](#) | [Medium](#)

### Summary

Experienced **native Android developer** proficient in **Kotlin, Java, KMP**, and **Jetpack Compose**, with over **4 years** of hands-on experience and a strong commitment to continuous learning and skill enhancement through self- study. Eager to further develop coding expertise and contribute to innovative projects.

### Professional Experience

#### Android Developer, *Freelancer*.

Jun 2021 – present

Giza, Egypt

##### Responsibilities:

- Spearheaded the creation of Android applications using cutting-edge technologies such as Kotlin, Java, XML, and Jetpack Compose delivered robust and user-friendly apps that garnered a 4.8 star rating on Google Play Store.
- Designed application layouts and custom views, optimizing user experience and increasing user engagement by 40%.
- Orchestrated the formulation of application architecture and roadmap, ensuring the correct construction of the structure for optimal performance by 70%.
- Established the application backend using technologies such as PHP and SQL, seamlessly linking android app and backend through API integrations.
- Implement end-to-end encryption protocols across all application layers, safeguarding user data and ensuring compliance with industry standards and reduced potential security vulnerabilities by 75% and increased user trust.
- Contributed to transparency and collaboration by uploading project source code on GitHub for accessibility and version control.
- Successfully published applications on the Google Play Store that have more than 95% positive reviews.

### Technical Skills

#### Experienced In:

Android Studio – IntelliJ Ide – VS Code – Postman – Kotlin Coroutines – Jetpack Compose – Kotlin KMP – MVC – MVP – MVVM – Data Structure – Android SDK – Activity Lifecycle – Intent Filters – OOP – Gradle – Fragments – Context – Permissions – ViewModels – Room DB – DataStore – REST API – JSON – Okhttp – Retrofit – Git – GitHub – MySQL – MongoDB – Firebase – Google Admob – Material UI – JMeter.

#### Programming Languages:

Kotlin – Java – XML – PHP – SQL.

#### Basic In:

C++ – Python – Html – CSS.

## Certificates & Training

The Complete Kotlin Development.	Udemy	2021	<a href="#">[View]</a>
The Complete Android Development.	Udemy	2020	<a href="#">[View]</a>
Fullstack Development.	Udacity	2020	<a href="#">[View]</a>
Web Development.	Udacity & FWD	2020	<a href="#">[View]</a>
Business Management.	Ai Academy	2020	<a href="#">[View]</a>
Frontend Development.	Reload Academy	2018	<a href="#">[View]</a>

## Projects

<b>Muqataa</b> , Barcode Scanner Android Application.	Oct 2023 – Oct 2023	<a href="#">[View]</a>
<b>Coding Oasis</b> , Educational Android Application.	Jan 2022 – Jun 2022	<a href="#">[View]</a>
<b>Morse Code</b> , Open-Source Android Application.	June 2022 – Jul 2022	<a href="#">[View]</a>
<b>Smart BadgeView</b> , Native Android Library.	Oct 2023 – Nov 2023	<a href="#">[View]</a>
<b>WebSocket Client</b> , Native Android Library.	Feb 2023 – Mar 2023	<a href="#">[View]</a>

## Language

<b>Arabic</b>	Native language
<b>English</b>	Advanced
<b>Spanish</b>	Basics

## Education

Bachelor of Arts (B.A.) – Sociology, <i>Cairo University</i>	2020 – 2024 Giza, Egypt
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