

Karim Abdallah

Android Engineer

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[Website](#) | [Github](#) | [LinkedIn](#) | [dev.to](#) | [Medium](#)

Summary

Experienced **Native Android Developer** proficient in **Kotlin, Java, Android SDK** and **XML** 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 – 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:

Jetpack Compose – KMP – C++ – C# – Python – Html – CSS.

Soft Skills:

Teamwork – Communication Skills – Problem-Solving – Adaptability.

Projects

Muqataa , Barcode Scanner Android Application.	Oct 2023 – Oct 2023	[View]
Coding Oasis , Educational Android Application.	Jan 2022 – Jun 2022	[View]
Morse Code , Open-Source Android Application.	June 2022 – Jul 2022	[View]
Smart BadgeView , Native Android Library.	Oct 2023 – Nov 2023	[View]
WebSocket Client , Native Android Library.	Feb 2023 – Mar 2023	[View]

Certificates & Training

The Complete Kotlin Development.	Udemy	2021	[View]
The Complete Android Development.	Udemy	2020	[View]
Fullstack Development.	Udacity	2020	[View]
Web Development.	Udacity & FWD	2020	[View]
Business Management.	Ai Academy	2020	[View]
Frontend Development.	Reload Academy	2018	[View]

Language

Arabic	Native language
English	Advanced
Spanish	Basics

Education

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