

SHADY AFIF

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ANDROID DEVELOPER

Experienced Android developer adept at delivering high-quality applications, proficient in Java/Kotlin. Skilled in designing robust application architectures using MVC, MVP, or MVVM patterns to ensure performance and reliability. Collaborates effectively with UX/UI designers to create intuitive interfaces and integrates applications with RESTful APIs for seamless data exchange. Specializes in optimizing code performance and implementing efficient caching mechanisms. Notable projects include Mbo Pharma Play Store, Marsail George Play Store, E-commerce Application, NewsApp, Blood Bank, and Popular Movie, showcasing expertise in developing user-centric solutions and addressing complex functionalities seamlessly.

KEY COMPETENCIES

- Java, Kotlin, ASP.NET
 - OOP principles, MVVM, MVC, MVI
 - API integration (REST, Retrofit)
 - Firebase services (Push, Auth, Analytics)
 - Room Database for data storage
 - Async operations (Callbacks, RxJava, Coroutines)
 - Dependency Injection (Hilt)
 - LiveData, Flow
 - Design Patterns, SOLID
 - Broadcasts, Services, WorkManager
 - Android Clean Architecture
 - Material Design
 - Jetpack Compose
 - Version Control (Git-GitHub)
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PROFESSIONAL EXPERIENCE

ANDROID DEVELOPER

ARROW TECH COMPANY

JUN 2021 - PRESENT

- Develop and maintain Android applications using Java/Kotlin and Android SDK, emphasizing clean and efficient code.
- Ensure compatibility and responsiveness across various devices and screen sizes by implementing modular and scalable solutions.
- Design application architecture using MVC, MVP, or MVVM design patterns to meet performance and reliability requirements.
- Collaborate closely with UX/UI designers to translate design mockups into user-friendly interfaces.
- Integrate applications with RESTful APIs and backend services, focusing on data serialization, authentication, and error handling.
- Utilize libraries like Retrofit and OkHttp for efficient network communication and seamless data exchange.
- Collaborate effectively with cross-functional teams using Git for version control and code collaboration.
- Participate actively in code reviews, adhere to coding standards, and work closely with product managers to deliver features on time.
- Profile code performance, identify bottlenecks, and optimize critical sections for enhanced efficiency.
- Implement caching mechanisms, lazy loading, and memory management techniques to improve user experience and prevent memory leaks.
- Ensure compliance with data privacy regulations such as GDPR through regular security audits and vulnerability assessments.

ANDROID DEVELOPER

IPDA3 COMPANY

NOV 2020 - MAY 2021

- Evaluated user interface elements to enhance usability and elevate user experience.
- Continuously sought, assessed, and implemented new technologies to boost development efficiency.
- Collaborated closely with API developers to furnish app data through RESTful APIs with JSON.
- Addressed bug fixes and optimized application performance.
- Assumed responsibility for developing all application components and UI resources.
- Seamlessly integrated Google Play services and Google Maps API into the application framework.
- Provided guidance, support, and mentorship to junior developers, assisting them in improving their skills and understanding of Android development best practices.

FREELANCE ANDROID DEVELOPER

REMOTE

FEB 2019 - PRESENT

- Created simple apps and resolved complex bugs efficiently.
- Enhanced functionality by adding features to existing apps available on Google Play.
- Managed time effectively to meet project deadlines while maintaining quality standards.
- Upheld professional and ethical standards in client interactions and project delivery.

PROFESSIONAL PROJECTS

- **Mbo Phama Play Store:**
 - Description: A pharmaceutical app allowing users to access company medicines, communicate easily, explore job listings, and upload CVs.
 - Link: [play_store](#)
- **Marsail George Play Store:**
 - Description: An app showcasing courses and their details for users to explore.
 - Link: [Marsail George Play Store](#)
- **E-commerce Application (Kotlin/Java):**
 - Description: An Android shopping app enabling users to browse items, add to wish lists, and make purchases seamlessly.
 - Link: E-commerce Application [Kotlin](#) - [Java](#)
- **NewsApp (Kotlin):**
 - Description: An Android application developed in Kotlin that showcases the latest news from around the world.
 - GitHub Link: [NewsApp GitHub Repository](#)
- **Blood Bank (Java):**
 - Description: A Java-based Android application that displays blood donation requests, facilitates communication between donors and patients, and includes a section for medical articles. Users can add favorite articles to their lists.
 - GitHub Link: [Blood Bank GitHub Repository](#)
- **Popular Movie (Java):**
 - Description: An Android application written in Java that presents a collection of movies, categorized by popularity or ratings. Users can view movie details such as release date, ratings, descriptions, trailers, and more. Additionally, users can add movies to their favorites list.
 - GitHub Link: [Popular Movie GitHub Repository](#)

EDUCATION

- **Licentiate Degree in law | Factuality of Law | Mansoura University**

CERTIFICATES

- Ipda3 Company Internship | Nov 2020 - May 2021
- Next Technology Leaders - NTL | Jul 2019 - Dec 2019
Certified Android Developer from Google | Udacity <https://graduation.udacity.com/confirm/G6RTCLAU>
- Android Developer Nanodegree | Jul 2019 - Dec 2019
- 1 million Arab Coders Initiative | Aug 2018

LANGUAGES

- **Arabic** : Native

English : Very Good