

# Ahmad Al-Shahal

## Android Engineer

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📍 Tripoli, Lebanon / Damascus, Syria   ⭐ Lebanese National



### SUMMARY

I am a dedicated and forward-thinking **Android Engineer** with a passion for creating innovative and user-friendly mobile applications. With **+3 years** of hands-on experience in the dynamic realm of **Mobile development**, I have honed my skills in designing and implementing robust, scalable, and efficient software solutions.

### EXPERIENCE

#### Android Developer

**PLAN A Agency** 📅 12/2024 - Present 📍 Damascus, Syria

As an **Android Developer** my responsibilities include:

- **Feature Development and maintenance:** Actively contribute to the development of app's new features, enhancing app's functionality and user experience in alignment with business goals.
- **Collaboration & Feedback:** Engaged in code reviews by senior developers, incorporating their feedback to continually improve my skills and contribute to a high standard of code across the team.

#### Mid-Level Android Developer

**OnMyWay** 📅 05/2024 - 12/2024 📍 Remotely

As a **Mid-Level Android Developer** at **OnMyWay**, I played a key role in the development and maintenance of the company's Android application. My responsibilities included:

- **Feature Development:** Actively contributed to the development of new features, enhancing the app's functionality and user experience in alignment with business goals.
- **Unit Testing:** Developed and maintained unit tests to ensure the reliability and robustness of new and existing features, contributing to higher code quality and fewer bugs in production.
- **CI/CD Implementation:** Successfully contributed in the Continuous Integration/Continuous Deployment (CI/CD) pipelines implementation, streamlining the development process and enabling faster, more reliable app releases.
- **Collaboration & Feedback:** Engaged in code reviews by senior developers, incorporating their feedback to continually improve my skills and contribute to a high standard of code across the team.
- **Code Review & Mentorship:** Provided guidance and code reviews for junior developers, ensuring adherence to best practices and maintaining high code quality standards across the team.

### SKILLS

#### Android

Kotlin   Java   Jetpack Compose

XML Views   Kotlin Coroutines   Ktor

Retrofit   Koin   Hilt

Kotlinx Serialization   Gson   Room

Data Store   Work Manager   Paging 3

Exoplayer   Gradle Flavors

R8 & ProGuard   Baseline Profiles

Firebase Crashlytics   Socket IO

Kiosk Mode   Device Owner

Push Notifications   Stripe   NFC

Google Maps   MVVM   MVI

Multi-Module Architecture   Unit Testing

JUnit   Mockito   CI/CD

GetStream SDK

Scandit ID-Verification SDK

#### Flutter

Dart   BloC   Cubit   Dio

GoRouter   Freezed   Json Serializable

Injectable   Push Notifications

RxDart   Google Maps   Socket IO

NFC   Shared Preferences   CI/CD

EXPERIENCE

Android Engineer

Solunyx Sdn. Bhd. 07/2022 - 12/2024 Damascus, Syria  
https://solunyx.com

- As a **Android Engineer**, I am in charge of the development of both **Android** and **Flutter** applications. My key responsibilities included:
- Executing the development of various Android applications, including **SmartDeen Pro, Tayar Tablet**.
  - **Legacy Code Refactoring & Project Structuring:** Refactored legacy code and established robust project structures for new applications, ensuring scalability, maintainability, and long-term success.
  - **UI Migration to Jetpack Compose:** Spearheaded the transition from XML-based UI design to Jetpack Compose, adopting the latest technologies to enhance user & developer experience.
  - **CI/CD Implementation:** Successfully implemented the Continuous Integration/Continuous Deployment (CI/CD) pipelines, streamlining the development process and enabling faster, more reliable app releases.
  - **Technology Adoption:** Drove the adoption of latest technologies and frameworks within the Android & Flutter ecosystem, staying current with industry trends.
  - More details can be found [here](#)

VOLUNTEERING

Technical Mentor

- Teens In AI Damascus, Syria
- Providing personalized **mentorship** to participants with varying levels of programming experience, ensuring they felt supported and empowered throughout the hackathon.
  - Assisting mentees in understanding **coding concepts, problem-solving strategies**, and the overall hackathon framework.
  - Offering **constructive feedback** on project ideas, code implementations, and presentation skills to help participants refine their projects.

ICPC Mentor

- Damascus University Damascus, Syria
- Providing **mentoring sessions** to beginners in programming, helping them grasp fundamental concepts and overcome challenges.
  - Conducting regular **workshops** and **training sessions** to enhance participants' coding skills and prepare them for programming competitions.
  - Creating **educational materials**, including **tutorials** and **code examples**, to facilitate a better understanding of programming concepts. Collaborating with a diverse group of mentees, fostering a positive and inclusive learning environment.

SKILLS

Other

Nest JS	Typescript	MySQL
Algorithms	Data Structures	C++
Problem Solving	Teamwork	Agile
Jira	GitHub	GitLab

EDUCATION


Bachelor Degree in Software Engineering

- Damascus University
- 10/2019 - 09/2024 Damascus, Syria
- In-depth coursework covering fundamental principles of **software engineering**, including software design, algorithms, data structures, and database management systems.
  - Specialized studies in programming languages such as **C, C++, and Java**, along with hands-on experience in software development projects.

LANGUAGES

Arabic	Native
English	Intermediate

KEY ACHIEVEMENTS

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- 2022's DCPC 5th Place**
- In 2022, I had the honor with a highly skilled and motivated team to secure the **5th** place in the **DCPC** (Damascus Collegiate Programming Contest). The DCPC is renowned for its challenging problem sets and competitive environment, attracting some of the best programming talent in the district.