AbdAlltef Chtourou

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# Summary

Android Developer (Kotlin & Flutter) with 2+ years of experience building native Android applications using Kotlin, Jetpack components, and Clean Architecture. Proficient in Android SDK, MVVM, Room, Retrofit, and RESTful API integration. Skilled in CI/CD automation (GitHub Actions), unit testing (JUnit/Espresso), and Play Store deployment. Experienced in Agile workflows (Jira/Trello) with a focus on code quality (95%+ test coverage). Additional expertise in cross-platform development with Flutter.

**Technical Skills**

* **Languages:** Kotlin, Java, Dart, JavaScript
* **Android Native:** Jetpack Components (Room, Navigation, LiveData), Retrofit, Coroutines, Dagger/Hilt, Gradle
* **Frameworks:** MVVM, Clean Architecture, SOLID Principles
* **Databases:** SQL (Room), NoSQL (Firebase)
* **Testing:** JUnit, Espresso, Mockito
* **DevOps: C**I/CD (GitHub Actions), Play Store Deployment
* **Tools:** Android Studio, Git, Jira, Firebase

# Education

Bachelor’s in Information Technology Engineering (Software Engineering)  
Damascus University | Damascus, Syria  
Expected Graduation: Sep 2025

* Relevant Coursework: Software Engineering Principles, Scalable System Design, Team Project Management

# Projects

# Warehouse Management Application

# *Flutter (Damascus University) | June 2023*

# Developed a cross-platform app to optimize inventory tracking and order management for warehouses.

# Integrated RESTful APIs for real-time data synchronization, reducing manual entry errors by 30%.

# Implemented GetX for state management Implemented GetX for state management.

# Tools: Flutter, Firebase

# [GitHub Repository](https://github.com/abdchtourou/WHM" \t "_new)

**Otroja Application**

***Flutter (Abdul Rahman bin Auf Mosque) | Apr. 2024 – Aug. 2024***

* Designed an app for 500+ users to manage Quran memorization progress and mosque course registrations.
* Utilized Firebase for push notifications and real-time updates,improving user engagement by 25%.
* Applied Cubit (Bloc) for state management and maintained code clarity with MVVM
* Tools: Flutter, Firebase, Figma.
* [**GitHub Repository**](https://github.com/abdchtourou/Otroja-project) | **[Figma Design](https://www.figma.com/design/mhZapS4rFiddyuZA0RTpyl/otrojah?node-id=0-1&node-type=canvas" \t "_new)**

**Car Booking App for Trips(Lidamas)**  
**Flutter (Self-Training Project) | Dec. 2024**

* Built a trip-booking app with real-time fare calculation, payment integration, and driver-user matching..
* Reduced booking processing time by 40% using optimized API calls and caching.
* [**GitHub Repository**](https://github.com/abdchtourou/Taxi_project) | [**Figma Design**](https://www.figma.com/design/JqfONzNfwnTrOJXZsjYAWA/Lidamas-Project)

**Technical Skills**

* Achieved 95% code coverage through rigorous unit and widget testing in all projects.
* Reduced app load times by 20% by optimizing state management and API response handling