

# Andrii D

Senior/ Lead Android mobile developer  
Kharkiv, Ukraine



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## SUMMARY

7 years of commercial experience in IT;

Strong knowledge of Java and Android framework;

Excellent knowledge in OOP;

Experience in using Design patterns (MVP, MVVM)

Previously engaged in applications optimisation, redesigning and refactoring, Used to work as a lead Android developer doing code reviews and directing team's work. Has knowledge about building testable and easy maintainable applications;

Good logical thinking, hard-working, self-learning, result oriented

Good attention to details.

## SKILLS SUMMARY

Programming languages: Java, Kotlin

Technologies: Android SDK, JSON, Service, MultiThread, GoogleService (GCM), VLCLib,

RXJava, Retrofit, RetroLambda, Dagger2, Butterknife, Google animation, MVP, MVVM,

MVC, Indoo.rc, IndoorAtlas, Altbeacon, GPIO, Unity3d, Microblink, Acuant, Pusher, Jetpack

(Data Binding, Live Data, CameraX , life cycles, room, animation), WebRTC, opentok, SIP,

Asterisk, Jfrog, and etc., OpenGL, Kotlin coroutines, RxJava/Android, SQLite, Retrofit2, Data

Binding.

Databases: SQLite, greenDao, Realm, cupboard, Room

Operating Systems: Linux, Mac OS

Source Controls: GIT

Tracking Systems: Redmine, Jira

Development Methodologies: Agile (Kanban, Scrum)

## PROJECTS

### 1. Under NDA

Development of libraries and applications for user identification. Using NFS (ID card, passport), and photos and videos for (idcard, drive license, passport and resident permit)

**Responsibilities:** Clean up the legacy code and take over the mobile development cycle in compliance with German laws. Provide continuous development and integration of the brand new highly secure and user-friendly Android applications that increase conversion rates in all industries from e-commerce and finance to insurance and online gaming or age verification.

**Technologies:** WebSocket, Retrofit2, GCM, Glide, OpenTok,webrtc, JFrog,microblink, EID, rxjava2, volley, butterknife, crashlytics , NFC, acuant, and etc

## 2. Under NDA

The application is like Skype. Users can make video calls and white messages.

**Responsibilities:** Android development, code review and quality control, new features development, UI/UX implementation, interaction with the server, bug fixing.

**Technologies:** Kotlin, Retrofit, RxJava, Dagger 2.

## 3. Under NDA

Mobile application for the sale of goods.

**Responsibilities:** Android developer.

**Technologies:** Android, REST, Google Play Services, Facebook SDK, Crashlytics, GIT, MVP, RXJava, Dagger2, Retrofit etc.

## 4. Under NDA

Indoor navigation application, we used beacons and wifi for navigation in big mall.

**Responsibilities:** Android developer, new features development, bug fixing, performance optimization, navigation module, development of client-server communication, local storage, appearance of OpenGL.

**Technologies:** Android, REST, Google Play Services, Crashlytics, GIT, MVP, RXJava, Dagger2, Retrofit, altbeacon, indoors, indooratlas etc.

## 5. Under NDA

Application for orders of various services, in this application you can find an employee for various tasks. (Hairdresser, lawn mower, etc.)

**Responsibilities:** Android developer, new features development, UI/UX implementation, Interaction with the server, bug fixing.

**Technologies:** Android, REST, Google Play Services, Facebook SDK, vk SDK, google auth api, GIT, MVP, RXJava, Dagger2, Retrofit, Paypal etc.

## 6. Under NDA

Mobile application for viewing movies and TV channels. This application was for a cable television company. You were able to view all the channels that this company provided through this application. This application has a search on channels, the ability to add a channel to your favorites, as well as a small archive of records on which you could search and watch online

**Responsibilities:** Android developer.

**Technologies:** Android, REST, VLC lib, Crashlytics, GIT, MVP, RXJava, Retrofit, paypal etc.

## 7. Under NDA

Video chat for translators, in this application, a room was created for 3 people (2 users and a translator).

**Responsibilities:** Development of a full cycle android application.

**Technologies:** Android, REST, GIT, MVP, RXJava, Dagger2, Retrofit, opentok, socketIO etc.

## 8. Under NDA

Prototype Smart house. 4 platforms: Arduino, Raspberry Pi, Java server, Android

**Responsibilities:** I was a single developer here. Arduino various sensors (temperature, motion, humidity, etc.) development. Raspberry pi local gateway creation (Collects data from arduino, as well as data analysis.) Server with REST API for both Android and for Raspberry Pi. Android application development for viewing and controlling sensors.

**Technologies:** Android, REST, I2C, Serial port, telnet, socket, GPIO, Tomcat, Hibernate, Mariadb, GIT, MVP, RXJava, Dagger2, Retrofit.

## 9. Under NDA

Applications for internal use. Applications for tracking employee employment: task creation, view task list, report on the task (time spent, description of what has been completed), task management.

**Responsibilities:** subscription system development, development and support Android app, code review and quality control, interaction with the server.

**Technologies:** LiteSQL, ORMLite, JSON, MultiThread, GoogleService ,asterisk ,sip (GCM), VLCLib, Retrofit, butterknife, Google animation, MVP, altbeacon.

## EDUCATION

2016 - Master in Telecommunications and Computer Engineering, Kharkiv National University of Radio Electronics

## LANGUAGES

English- Upper-Intermediate