

# Oleksandr T.

## Senior Senior Android Engineer

### SUMMARY

- Senior Android Engineer with 6+ years of commercial experience and strong organizational skills. - Proficient in Android development using Java, Kotlin, and libraries like Retrofit and Room. - Expert in methodologies like MVC, MVVM, Clean Architecture, and SOLID principles. - Comfortable working with REST API, version control tools like Git, and project management through MVP. - Upper-Intermediate English - Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Android (6 yr.)
<b>Programming Languages</b>	Java, Kotlin
<b>Android Libraries and Tools</b>	Android Jetpack, ButterKnife, Hilt, Koin, Kotlin, Retrofit, Room (Android Jetpack), ViewBinding
<b>Mobile Frameworks and Libraries</b>	Crashlytics, Dagger, DataBinding, Glide, Gson, Koin, OSMDroid
<b>Java Libraries and Tools</b>	Dagger, JSON, Jsoup, okhttp
<b>Databases &amp; Management Systems / ORM</b>	Firebase, ObjectBox, SQLite
<b>Cloud Platforms, Services &amp; Computing</b>	Firebase Cloud Messaging, Google Cloud Messaging
<b>Platforms</b>	Android (6 yr.), Firebase
<b>Third Party Tools / IDEs / SDK / Services</b>	Android Jetpack
<b>Version Control</b>	BitBucket, Git, GitLab, SVN
<b>Methodologies, Paradigms and Patterns</b>	Clean Architecture, MVC, MVVM, SOLID
<b>SDK / API and Integrations</b>	Google Maps API, RESTful API, Retrofit
<b>Project Management &amp; Administration</b>	MVP
<b>Mail / Network Protocols / Data transfer</b>	WebSockets

## EXPERIENCE

### Android Developer, StudioHD

May 2023 - Present time

**Description:** Mobile application for joining to the existing Zoom meeting. Capturing and saving own video stream in HD quality during meeting. Uploading saved video to the cloud service to store and proceed with it.

**Responsibility:**

- Application development - from scratch.
- Requirements discussion.
- Zoom SDK and library reverse engineering.

**Technologies:** REST, OkHttp, GSON, JSON, ViewBinding, Koin, Android Jetpack, GitLab, Zoom SDK, Camera2, Media Recorder, Swagger

### Android Developer, Kuvalocal

Oct 2021 - Apr 2023

**Description:** Mobile application for ordering products from different vendors. Integrated with different services, supports more than 5 payment types. Included portal for Agent, Backoffice, Mobile app

**Responsibility:**

- Application development - new features, main flows redesign, flow for video widget. Integration of payment system - WorldPay.
- Communication with the client.
- Deploying the app to the app store.

**Technologies:** Room, REST, OkHttp, GSON, JSON, ViewBinding, FirebaseCloud Messaging, Firebase, Koin, Skeleton, Android Jetpack, Glide, GitLab

### Android Developer, Kuvacash

Oct 2021 - Apr 2023

**Description:** Financial solution for African country (in the beginning). Allow to do all finance operation between users: P2P, Request funds from another user, TopUp via bank account, send transaction outside the country, integration with third-party services, two balances, transfers, etc.

**Responsibility:**

- Application development - new features, main flows redesign.
- Direct collaboration with the client.
- Deploying the app to the store. Integration of Sumsb verification system.

**Technologies:** Room, REST, OkHttp, GSON, JSON, ViewBinding, FirebaseCloud Messaging, Firebase, Koin, Skeleton, GitLab

### Android Developer, TocanM Delivery (range of applications)

Oct 2019 - Sep 2021

**Description:** Applications for managing the logistics of vehicles and freight forwarders of



enterprises.

**Responsibilities:**

- Support and modernization of legacy applications and creation of new applications from scratch.
- Deployment apps on Google Play.

**Technologies:** COSU mode, NFC, SQLite, Room, ObjectBox, REST, Retrofit+RxJava, OkHttp, GSON, JSON, DataBinding, GoogleMaps, GoogleLocations, GoogleCloud Messaging, OSMDroid, Firebase, FabricIO/Crashlytics, WebView, Background Services, JavaScript classes, Image taking and processing (crop, split, merge, rotate and other), OpenCV(partially), Dagger, Hilt, Kotlin (partially)

**Android Developer, CrossfitVoice**

Dec 2020 - Jun 2021

**Description:** Designed to exchange voice commands between the operator and the user. Analogous to WalkieTalkie.

**Responsibilities:**

- Creation of new application from scratch.

**Technologies:** SpeechRecognizing, WebSocket, Dagger, Firebase, FabricIO/Crashlytics

**Android Developer, LabelSpy and MysteryShopper**

Oct 2020 - May 2021

**Description:** Designed to monitor competitors' prices with the help of mystery shoppers who take pictures of price tags.

**Responsibilities:**

- Support and modernization of legacy applications and creation of new applications from scratch.
- Deployment apps on GooglePlay.

**Technologies:** COSU mode, Room, REST, Retrofit+RxJava, GSON, JSON, DataBinding, GoogleLocations, Firebase, FabricIO/Crashlytics, Background Services, Image taking and processing (crop, split, merge, rotate and other), OpenCV(partially), Dagger, Kotlin (partially)

**Android Developer, TocanM Monitor, GPS monitoring service**

Sep 2018 - Sep 2020

**Description:** Applications for GPS tracking and monitoring of vehicles and forwarders of enterprises.

**Responsibilities:**

- Support and modernization of legacy applications and creation of new applications from scratch.
- Deployment apps on GooglePlay.

**Technologies:** ObjectBox, Room, REST, Retrofit+RxJava, GSON, JSON, DataBinding, OSMDroid, Firebase, FabricIO/Crashlytics, Bitbucket, Background Services, Kotlin (partially)



### **Android Developer, PortraitSuper**

Feb 2017 - Aug 2017

**Description:** Psychologist's working tool. It is intended for drawing up a psychological matrix of a person based on his photograph.

**Responsibilities:**

- Creation of new application from scratch.

**Technologies:** SQLite, REST, OkHttp, GSON, JSON, Firebase, FabricIO/Crashlytics, FTP and Http data storing, Image taking and processing (crop, split, merge, rotate and other), Obtaining and storing PDF data from server

### **Android Developer, Driver cab, Elit Taxi, Web-cab**

Mar 2016 - Jul 2019

**Description:** Projects for taxi services. Applications for customers and drivers.

**Responsibilities:**

- Support and modernization of legacy applications and creation of new applications from scratch.
- Deployment apps on GooglePlay.

**Technologies:** SQLite, REST, Socket, Retrofit+RxJava, OkHttp, GSON, JSON, JSOUP, Butterknife, GoogleMaps, GoogleLocations, GoogleCloud Messaging, OSMDroid, Firebase, FabricIO/Crashlytics, Dagger

## **EDUCATION**

**STEP Computer Academy. Development of mobile applications in Android.**

2015-2016

**International House Language Center. General English Course. Advance level.**

2006-2011

**Kharkov Aviation Institute. Constructing and production of the radiotechnical systems of aircrafts.**

Design engineer - technologist of radio electronic devices.

1982-1990

