

Vitalii Popov | Senior Android Developer

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Summary

- **5+ years of Android development** experience primarily in the **fintech** sector using **Kotlin** and **Java**.
- Developed apps with **millions of users**, including two top-performing market leaders.
- **Led a team** of three developers, managing projects from concept to delivery.
- Passionate about blending precise technologies and enhancing UX to simplify tasks and improve users' lives.

Skills

- Kotlin, Java, Compose, XML, AndroidSDK, Room, Realm, Dagger2, Koin, Coroutines, Flow, RxJava2
- Jetpack: LiveData, Lifecycle, ViewBinding, Navigation, ViewModel, Room
- Clean Architecture, SOLID, GoF, UDF, KISS, DRY, MVP, MVVM, MVI, GRASP, OOP
- RESTful, Retrofit
- GitlabCI, BitbucketCI, Jenkins
- Mockito, mockk, kotest, JUnit5

Professional Experience

Lead Software Engineer – Android | SENSE IT | *Moscow, Russia, remote*

March 2022 – present

The largest private bank in Russia; the best banking app in the country with over 15m users

- Collaborated within a 10-person product team and worked closely with other departments under tight deadlines, developed the Android components of an innovative product for a new tariff system, which attracted over 100,000 new customers.
- Advanced Backend-driven UI technologies, enabling application interfaces to be managed without releases.
- Refactored compiler plugins from KAPT to KSP, boosting build speed by 7%
- Led an extensive 3-month onboarding program for 5 new team members as a mentor, ensuring their smooth integration into the team and processes.

Senior Software Engineer – Android | PSBank, *Moscow, Russia, remote*

April 2022 – December 2022

Internal application for Document Management of the Bank's Direct Sales Department

- Accelerated development and reduced interface issues by designing and creating a component design library on Compose.
- Initiated and led regular technical meetings for Android engineers, reducing miscommunication issues within teams.
- Implemented CI/CD pipeline, eliminating the need for routine manual tasks.

Android engineer | Redsolution OÜ | *Tallinn, Estonia, remote*

August 2019 – December 2021

Popular XMPP messenger application with 1+ million users

- Designed and implemented an XMPP Extension Protocol for group chats with reliable message delivery and synchronisation, moderation, and participant roles.
- Implemented message encryption based on the OTR cryptographic protocol, significantly enhancing user security.
- Boosted cold start by 30 times and hot start by 5 times by using a profiler to identify bottlenecks, eliminate them, and fix asynchronous processes.
- Refactored the application to enable seamless white-label customization and allow corporate messengers to be easily created.

Projects

beeintouch.de

February 2022 – November 2024

Service for beekeepers in Germany and France with offline-first application

- Upgraded all dependencies and refactored the application code to meet the requirements from SDK 27 to SDK 33.
- Improved the crash-free users rate from 95% to 99% by fixing numerous critical bugs.
- Accelerated data synchronisation x10 through making numerous comprehensive and complex changes.

Education

Bachelor's degree in Computer Science, Chelyabinsk State University

October 2015 – March 2020

[School of Android-developers by Google & e-legion](#), courses

March 2015 – June 2015