Vadik **Sirekanyan**

SENIOR ANDROID DEVELOPER · KOTLIN DEVELOPER

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About

My name is Vadik, I'm a 32-year-old Android Developer. I like to write concise and clear code that *works*. I enjoy writing code in Kotlin. I'm in love with Coroutines, Jetpack Compose, and SQLite. I've been writing production code in Java since 2011, Android since 2015, and Kotlin since 2016.

Work

Personal Projects

Yerevan, Armenia

SENIOR ANDROID DEVELOPER · KOTLIN DEVELOPER

2021—now

- Experimenting with Kotlin Multiplatform applications on Android and desktop
- Answered 350+ Stack Overflow questions, the most popular answer has 100+ votes
- Developed more than 5 Android apps, the Outline Manager app was done in 9 days and currently has 400+ active users
- Created more than 5 Telegram bots, including a Telegram bot for preparing for school final exams (5 000+ unique users)
- Wrote more than 5 tools for development, including version checker gradle plugin, deployment tools, and others
- `KMM, Compose, Coroutines, Ktor, Kotlinx Serialization, Gson, Jackson, SQLDelight, Room, SQLite, FTS, Material3, Coil, Gradle Plugin, Gradle Kotlin DSL, Telegram Bot API, PostgreSQL, Exposed, LetsPlot`

Tinkoff Bank

Moscow, Russia

SENIOR ANDROID DEVELOPER

2018—2021

- Experimented with Kotlin Multiplatform and successfully released one KMM module into production in a team of 2 developers
- Bravely took on the most complex features on the project, the app grew from 0 to 1 000 000 users and had 4.0 on Google Play
- Made a demo project to work with eSIM of Android (EuiccManager), the eSIM feature was successfully delivered to production
- Led a team of 5 developers, created a prototype of the tests infrastructure, implemented instrumented Android tests
- Autotests allowed us to reduce manual testing and significantly increase the frequency of releases
- `KMM, Coroutines, RxJava, Ktor, Retrofit, OkHttp, Kotlinx Serialization, Gson, Room, SQLite, Glide`

Tinkoff Bank

Moscow, Russia

ANDROID DEVELOPER

2016—2018

- Developed an application for the first MVNO (mobile virtual network operator) in the country in a team of 5 developers
- Worked closely with TelephonyManager and SubscriptionManager, wrote workarounds to deal with bugs in Android 5
- Created a chat module for customer support, it was used by mvno app, investing app, and banking app (10 000 000 downloads)
- Committed Tinkoff APN settings to AOSP, so my code is on 1 000 000 000 devices
- Rewrote an application for bank representatives from scratch in a team of 5 developers
- `Kotlin, RxJava, Retrofit, OkHttp, Gson, Room, SQLite, Realm, DBFlow, MVP, Clean Architecture, DDD`

NetCracker Corp.

Moscow, Russia

JAVA DEVELOPER

2011—2015

- Maintained core components of the Netcracker product, debugged evil Java classes that had 10 000 lines of code
- Maintained a component for storing and versioning all Netcracker core SQL metamodel objects in XML format
- Redesigned and prepared the SQL-to-XML component for delivering to an external customer in a team of 4 developers
- Developed a tool from scratch in a team of 2 developers, intensive work with the customer, tight deadlines (Apache POI)
- `Java EE, Java Server Pages, Oracle SQL, Google Web Toolkit, Apache POI, Java Generics, Javascript`

Study

MIPT (Moscow Institute of Physics and Technology)

Dolgoprudny, Russia

M.Sc. TELECOMMUNICATION NETWORKS AND SYSTEMS

2012—2014

- Thesis: "Development of algorithms for statistical analysis of the network connection state", GPA 4.3

MIPT (Moscow Institute of Physics and Technology)

Dolgoprudny, Russia

B.Sc. APPLIED MATHEMATICS AND PHYSICS

2008—2012

- Thesis: "Methods for identifying mathematical models of electrical activity of the brain", GPA 4.5

Certificates & Courses

2020	**Problem Solving (Basic) Certificate**, HackerRank	*Online*
2016	**Android Lectures**, e-Legion & Google	*Online*
2011	**Java Programming**, Netcracker Education Center	*Dolgoprudny*
2011	**Oracle SQL Practice**, Netcracker Education Center	*Dolgoprudny*
2009	**Ruby Meta Programming**, Moscow Institute of Physics and Technology	*Dolgoprudny*
2005	**Pascal Programming and Competitions**, Summer Programming School	*Chelyabinsk*

Hobby

Sport climbing

Master of Sports of Russia

- 7th place IFSC Climbing Worldcup 2010, 6th place IFSC World Youth Championship 2010, 3rd place European Youth Series 2007
- Member of the Russian national youth team from 2004 to 2010, winner and medalist of various Russian competitions