

# Vadik Sirekanyan

SENIOR ANDROID DEVELOPER

Yerevan, Armenia

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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. I feel happy using Bash, Linux, and Git.

## Work

### Sololearn

Yerevan, Armenia

SENIOR ANDROID DEVELOPER

January 2024—May 2024

- Worked in the English-speaking monetization team and made dynamic paywalls, pro-onboarding, and in-app purchases
- Worked in the Armenian-speaking learning team, worked on the redesign, and implemented a custom keyboard component
- Was the first on the project to make features entirely on the Jetpack Compose framework
- Kotlin, Compose, Coroutines, Flow, MVVM, Dagger, Anvil, Cicerone, Retrofit, OkHttp, Room, SQLite, Kotlinx Serialization, Kotlinx Datetime, Material3, Coil, Lottie, Google Play Billing Library

### Personal Projects

Yerevan, Armenia

SENIOR ANDROID DEVELOPER · KOTLIN DEVELOPER

2021—2023

- Experimenting with Kotlin Multiplatform apps on Android and desktop (decentralization, p2p, sockets, Bitcoin, WiFi-Direct)
- Answered 350+ Stack Overflow questions, the most popular answer has 100+ votes
- Developed more than 5 Android apps, the Outline Keeper app was done in 9 days and currently has 1,000+ 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+ 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, Gson, Room, SQLite, Glide, Dagger, Koin

### 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
- Implemented a feature related to asymmetric encryption (javax.crypto package); wrote JNI to interact with native C++ libraries
- Kotlin, RxJava, Retrofit, OkHttp, Gson, Room, SQLite, Realm, Dagger, MVP, Clean Architecture, DDD

### NetCracker Corp.

Moscow, Russia

JAVA DEVELOPER

2016—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
- Java EE, Oracle SQL, Java Server Pages, Google Web Toolkit, Apache POI, Java Generics, Javascript

## Study

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### MIPT (Moscow Institute of Physics and Technology)

M.Sc. TELECOMMUNICATION NETWORKS AND SYSTEMS

*Dolgoprudny, Russia*

*2012—2014*

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

### MIPT (Moscow Institute of Physics and Technology)

B.Sc. APPLIED MATHEMATICS AND PHYSICS

*Dolgoprudny, Russia*

*2008—2012*

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

## Certificates & Courses

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2020	<b>Information Security for Android Developers</b> , Tinkoff Bank	<i>Moscow</i>
2020	<b>Problem Solving (Basic) Certificate</b> , HackerRank	<i>Online</i>
2016	<b>Android Lectures</b> , e-Legion & Google	<i>Online</i>
2011	<b>Java Programming</b> , Netcracker Education Center	<i>Dolgoprudny</i>
2011	<b>Oracle SQL Practice</b> , Netcracker Education Center	<i>Dolgoprudny</i>
2009	<b>Ruby Meta Programming</b> , Moscow Institute of Physics and Technology	<i>Dolgoprudny</i>
2005	<b>Pascal Programming and Competitions</b> , Summer Programming School	<i>Chelyabinsk</i>

## Hobby

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### 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

### Other activities

- Contributed to open-source projects such as NewPipe (25,000 stars), Loop Habit Tracker (5,000,000 downloads), Flym News Reader (50,000 downloads), Feeder (50,000 downloads), and ATimeTracker (500 downloads)
- Gave lectures at Tinkoff Fintech School on the topic "Data Storage in Android", graded students' homework and projects
- Providing tools to bypass government censorship, 1 TB of traffic per month passes through my servers
- Participated in the KotlinConf 2018 conference as a volunteer, and KotlinConf 2024 as a listener
- Took part in many rallies and marches for Internet freedom