

Boris Riaposov

Senior Android & KMP Developer · Compose · AI-driven development

Tbilisi, Georgia (UTC+4) · Remote or relocation · B2B contract or full-time

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Portfolio: www.rbv.nz · [Google Play apps](#)

ABOUT

Senior Android & Kotlin Multiplatform Developer with 8+ years of Android and 20+ years in software engineering, including leading a 10-person mobile team. Built apps from scratch for international clients in consumer electronics, hospitality, agrochemicals, industrial equipment, banking and insurance: cross-device connectivity, on-device ML and AR, Bluetooth LE, payments. Practitioner of AI-driven development — shipped a KMP app for iOS and Android from kick-off to release in one month with AI coding agents, keeping full ownership of architecture and code quality.

KEY SKILLS

- **Android:** Kotlin, Java, Android SDK, Jetpack Compose, Navigation, Room, DataStore, WorkManager, Firebase, Wear OS
- **Multiplatform:** Kotlin Multiplatform, Compose Multiplatform, Decompose, Koin, Ktor, Apollo GraphQL
- **Async, DI & networking:** Coroutines, Flow, RxJava, Dagger/Hilt, Koin, Toothpick, Retrofit, OkHttp, REST, GraphQL
- **Architecture:** Clean Architecture, MVVM, MVI, modularization, legacy migration (Java → Kotlin, RxJava → Coroutines)
- **Connectivity, ML, AR & payments:** device pairing, screen & audio sync, Bluetooth LE, TensorFlow Lite, ML Kit, ARCore, Google Wallet API, Android POS
- **Quality & build:** JUnit, MockK, unit/UI testing, CI/CD, Gradle (Kotlin DSL), Git
- **AI-driven development:** Claude Code, OpenAI Codex, context engineering, spec-driven workflow, AI-assisted testing and review, AI-built product website
- **Leadership & process:** team leading, code review, mentoring, estimation, technical specifications; Agile/Scrum, Jira, YouTrack, Confluence

EXPERIENCE

Senior Android Developer

EPAM Systems, Remote

Dec 2021 – Present

Android and Kotlin Multiplatform development for large international clients.

Table booking app for a restaurant & café chain (iOS + Android, KMP)

Cross-platform app for booking and managing tables in restaurants and cafés.

- Built the app from scratch for iOS and Android with Kotlin Multiplatform and Compose Multiplatform — shared UI and business logic; navigation with Decompose, DI with Koin, networking with Ktor and Apollo GraphQL.
- AI-driven development end to end: architecture rules, conventions and feature specs as context for AI coding agents (Claude Code, OpenAI Codex); small verifiable steps, every change passed code review.
- **Result:** one month from project start to production release on iOS and Android; the app serves dozens of venues and thousands of users.

Tech: Kotlin Multiplatform, Compose Multiplatform, Decompose, Koin, Ktor, Apollo GraphQL, Coroutines/Flow

Field trials & analytics app for an international chemical company

Android app built from scratch for field trials of fertilizers and chemicals, with on-device ML and AR analytics.

- Designed the architecture (Clean Architecture, MVVM) on Jetpack Compose; offline mode; CI/CD, code review, unit tests.
- Integrated TensorFlow Lite models and ML Kit for on-device analysis and classification of trial results.
- Used Google ARCore for AR measurements and visualization, linking AR views with ML results and analytics.

- **Result:** trial analysis time –40%, manual interpretation errors –50%, field test duration –60%, re-measurements –20%.

Tech: Kotlin, Jetpack Compose, Coroutines/Flow, Room, DataStore, Retrofit, TensorFlow Lite, ML Kit, ARCore, JUnit, MockK

Android–desktop connectivity app for an international computer and mobile device manufacturer

Android app built from scratch that connects Android devices with the manufacturer’s desktop application.

- Implemented device pairing between Android devices and desktop computers.
- Implemented screen and audio synchronization between Android and desktop.
- Implemented file sharing between devices.
- **Result:** tens of thousands of installs.

Tech: Kotlin, Kotlin Coroutines, Jetpack Compose

Senior Android Developer

Orion Innovation, Remote

Aug 2021 – Dec 2021

Android app for configuring and servicing industrial heating and refrigeration equipment.

- Bluetooth LE communication with industrial devices; added support for a new boiler model.
- Migration of legacy code to Kotlin and Coroutines; designed the new architecture and project skeleton.

Tech: Kotlin, Java, Bluetooth LE, Coroutines

Lead Android Developer

SimbirSoft, Ulyanovsk, Russia

Feb 2020 – Aug 2021

Android apps for large banks and insurance companies. Led a 10-person team through the full project lifecycle — from requirements and architecture to release and support.

- Banking app: added support for new Android POS terminal models; integrated Google Wallet API for digital cards.
- Migrated a banking app from legacy Java to a modern architecture with Kotlin Coroutines.
- Rolled out the company’s universal insurance platform for two insurance companies.
- Architecture design, technical specifications, code review, mentoring, estimation.

Tech: Kotlin, Java, RxJava, Coroutines, Dagger, Toothpick, Retrofit, Clean Architecture, MVVM

Independent Android Developer

Own apps on Google Play

Jun 2018 – Present

- **RCards** (rcards.net) — loyalty card wallet for Android and standalone Wear OS: barcode/QR scanning, 1000+ card catalog, location-aware cards, App Links, encrypted Google Drive backup, 45 languages, subscriptions and ads; 4 releases in 2 months. Website and blog built with Claude Code.
- **RWeather** — weather, widgets, Wear OS; **Table tennis federation app** — tournaments, ratings, push.

RCards tech: Compose, Compose for Wear OS, CameraX, ML Kit, ZXing, Room, DataStore, Play Billing, Cloudflare R2

EARLIER CAREER

Head of Contact Center Support Department, Alfa-Bank, Russia

2011 – 2020

Managed support of the bank’s contact centers on the Avaya CTI platform; developed process automation software.

Deputy Technical Director, Full-stack Developer, ISP Simbirsk Telecommunication Systems, Russia

2003 – 2011

Built the ISP’s whole IT infrastructure from scratch: in-house billing system (C++, PHP, Perl, Oracle, MySQL), network monitoring system, data network; led the technical department.

Software Developer, City Electric Network, Russia

1997 – 2003

Developed a payment acceptance system (MS SQL, Delphi); built the enterprise network, ran Unix/Windows servers.

EDUCATION & LANGUAGES

Bachelor of Technology, Computer Science — Ulyanovsk State Technical University, 1993 – 1997

English — Upper-Intermediate (B2) · Russian — Native