

Kirill Borichevskiy

Android Developer / 6+ years of experience

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About Me

Android Developer with experience ranging from owning Android development end-to-end on a project to working in teams of ~40 people. In my latest role, I worked as a Kotlin Multiplatform Engineer. Almost every engagement was in a new domain for me: e-commerce, telematics, messengers, super-apps – so ramping up quickly in unfamiliar areas became a skill in its own right. I am particularly interested in using AI to improve development workflows and reduce repetitive work, while keeping a strong focus on the end user.

Skills

Kotlin, Kotlin Multiplatform (KMP), Java, Android SDK, Android Jetpack, Jetpack Compose, Android Views, XML, MVVM, MVI, MVP, Clean Architecture, Kotlin Coroutines, Flow, RxJava, REST API, Apollo GraphQL, Ktor, Retrofit, OkHttp, Room, SQLDelight, WorkManager, Paging 3, WebSockets, XMPP, Hilt, Dagger, Koin, Gradle, GitHub Actions, GitLab CI/CD, Firebase, Sentry, Mixpanel, Google Maps SDK, Bluetooth Low Energy (BLE), Media3, CameraX, Stripe, Google Play Billing, In-App Updates, In-App Review, JUnit, MockK, Mockito, Turbine, Espresso, Robolectric, Detekt, Ktlint, Compose UI Testing, Compose Screenshot Testing.

Instacart

APR 2024 – PRESENT · 2+ yrs

Android & Kotlin Multiplatform Developer

Worked in Android and KMP teams in Instacart's flagship consumer app. The app lists 10M+ installs on Google Play.

- Built a Kotlin Multiplatform design system from scratch for Android and iOS with **40 reusable components**.
- Implemented on-demand device log export on Android and iOS through a shared module. Support resolved **38% more** incidents per sprint relative to baseline.
- Implemented product caching for discovery flows, reducing load times. Add-to-cart conversion grew by **24%**.
- Optimized complex queries on the home screen using GraphQL. P95 loading time dropped from **8.5s** to **3.9s**.

Zalo

OCT 2021 – APR 2024 · 2 yrs 7 mos

Android Developer

Vietnam's leading messaging and super-app platform with 75M+ monthly active users at the time. Focused on chat, media, short-form video, AI assistant, and platform modernization.

- Built Android experience for Kiki Info AI assistant. Helped the product reach **1M+** user visits in **less than two months**.
- Worked on Zalo Video Android flows for short-form creator content, supporting a video platform that reached approximately **40M** users per month.
- Optimized media loading in chat by improving the native C++ BlurHash decoding pipeline and preview rendering. P95 media preview load time decreased by **30%**, and janky frames dropped by **11%**.
- Migrated video processing from MP4Composer to Media3. Video processing success rate improved by **3–8 percentage points**.
- Refactored the monolith into feature modules and configured the DI graph. Build time decreased by nearly **3x**.

DriveQuant

JAN 2020 – OCT 2021 · 1 yr 10 mos

Android Developer

Worked on the Android white-label mobile app from scratch and contributed to the DriveKit SDK.

- Integrated BLE beacon pairing and improved auto-start logic in the DriveKit SDK. Trip detection accuracy increased from **84%** to **92%**.
- Integrated Google Play Billing, In-App Review, and In-App Updates. Achieved **96%** purchase success rate and improved app rating by **+0.6** points over two quarters.
- Optimized DriveKit SDK background detection by delaying GPS activation until low-power motion, activity, geozone, or beacon signals confirmed trip intent. Battery impact reduced by **8%**.
- Added offline trip recording and retry-based synchronization to the DriveKit SDK. Recovered **98%** of temporarily failed trip uploads after connectivity was restored.

Education

Belarusian State University

Software Engineering for High-Load Mobile Systems

Master of Science

2018 – 2024