Maksim Salankevich

Senior Android Engineer | Mobile Fullstack Engineer

Kotlin | Jetpack Compose | Kotlin Multiplatform | Flutter

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Summary

Senior Android Engineer with 10+ years in Android development and 7+ years as a Team Lead in banking and consumer apps. I combine hands-on Android/KMP development, architecture and mentoring with agentic development workflows. My experience also includes Flutter and Python/Rust backends.

Professional Experience

Senior Android Engineer | Agentic Development May 2026 - Present
Road Tower Inc | Warsaw, Poland | Remote

- Lead hands-on engineering for a pre-launch US roadside assistance marketplace, owning technical decisions across mobile apps, backend and the provider web console.
- Develop Android and Kotlin Multiplatform (KMP) applications for customer and driver workflows, connecting mobile experiences with backend services.
- Drive agentic development across the product, combining AI coding agents with hands-on implementation and technical ownership.

Senior Android Engineer Oct 2025 - Apr 2026
AIBY | Warsaw, Poland | Remote

- Owned **OnStyle** Android architecture and implementation, writing about 80% of its code. Met the fixed MVP launch deadline soon after joining, with only an iOS reference, no documentation and unfinished Android designs.
- Designed modular Kotlin/Jetpack Compose architecture with Clean Architecture, MVI and DI with Hilt; added Detekt checks, JUnit/MockK/Turbine unit tests and Compose UI/screenshot tests.
- Implemented offline-first Room/Coroutines/Flow data layers with RESTful APIs; scheduled backend sync with WorkManager workers for periodic work and deferred execution in Doze maintenance windows.
- Cut development time for the **same major feature by 75%** versus the iOS team (4x faster), with comparable bug counts, using AI-assisted iOS-to-Android pipelines and adapting the design for Android.
- Built Compose interfaces for color analysis, wardrobe and AI outfits; integrated WebView paywalls and onboarding into native flows, with Firebase A/B Testing. Also contributed to early Android development of **Futurio**.
- Integrated Google Play Billing, Qonversion subscription analytics, Amplitude event tracking and AppsFlyer attribution; handled deep links, Android App Links and DMA/GDPR consent.

Mobile Fullstack Engineer (KMP, Blockchain) Apr 2025 - Sep 2025
NDA Blockchain Company (B2B) | Warsaw, Poland | Remote

- Owned architecture and mobile fullstack implementation for a high-load blockchain trading platform, combining a Kotlin Multiplatform client with Rust and Python/FastAPI backend services.
- Implemented on-chain event processing over gRPC/RabbitMQ, transaction handling and data pipelines; built and tested Move smart contracts.
- Created operational interfaces and production monitoring with PostgreSQL, Redis, Docker, Prometheus and Grafana; used Claude Code/Codex throughout implementation with code review and tests.

Senior Android Engineer | Team Lead Jul 2022 - Apr 2025
UniPlay sp. z o.o. | Warsaw, Poland | Remote

- Led **Battle of Predictions** Android modernization: feature modules and around 140 screens rewritten in a new design with Jetpack Compose, Kotlin Coroutines and MVI, alongside ongoing feature delivery and releases.
- Migrated dependency injection from Dagger 2/Android Inject to Hilt; optimized performance with Baseline Profiles and explored Filament/ARCore for 3D and augmented-reality prototypes.
- Centralized Gradle Kotlin DSL build logic in convention plugins; automated RESTful API client generation from OpenAPI and Figma asset export. Also used Kotlin Multiplatform.

- Shipped **Tattoon** Google Play beta (2024), sole Android engineer: Compose Canvas editor, WebSocket processing progress, Room cache, subscriptions; custom TensorFlow Lite image segmentation with Firebase ML model delivery.
- Released NFTool to Google Play and the App Store: Flutter pixel-art editor, Ethereum wallets, Rarible lazy minting and AdMob advertising including native ads; extracted an open-source segmented tab control.

Senior Android Engineer | Team Lead Nov 2018 - Jun 2022
bitnet | Minsk, Belarus | Hybrid

- Created the Android MVP of Battle of Predictions independently, then built and mentored its five-person Android team, including myself, while remaining hands-on with implementation.
- Established modular MVVM architecture with Android Views and RxJava and implemented real-time Socket.IO updates; owned technical decisions, code reviews and release planning.
- Translated product requirements into technical solutions with business analysts and QA; estimated work and coordinated testing and delivery.
- Started a parallel Flutter track for Battle of Predictions in 2022 with BLoC/Clean Architecture, navigation and authentication; trained the team and led implementation alongside ongoing Android development.

Android Developer | Team Lead Oct 2016 - Nov 2018
System Technologies | Minsk, Belarus | On-site

- Designed **Alfa Business Mobile v2** architecture and directed its Java-to-Kotlin transition; established MVVM, RxJava and Dagger 2 for corporate banking with payments, payroll and multi-company accounts.
- Developed reusable UI/data modules in BMobile, a white-label platform supporting 2 banking apps, Alfa Business Mobile and Prior Online; maintained shared functionality across both applications.
- Secured local banking data with SQLCipher and extended greenDAO code generation; wrote direct OkHttp networking code for requests, response parsing and error management, and fixed bank- and user-reported defects.

Technical Skills

Android: Kotlin, Java, Android SDK, Android lifecycle, Jetpack Compose, Compose state management, Jetpack Navigation, ViewModel, XML Views, Canvas, CameraX, WorkManager, WebView, Material 3, accessibility / TalkBack

Architecture: Clean Architecture, MVVM, MVI, SOLID, design patterns, feature modules, legacy modernization, dependency injection (Hilt, Dagger 2, Koin)

KMP & Flutter: Kotlin Multiplatform (KMP), Compose Multiplatform, Ktor, SQLDelight, kotlinx.serialization, Flutter, Dart, BLoC

Data & Synchronization: Kotlin Coroutines, Flow, RxJava, RESTful APIs, Retrofit, OkHttp, Room, DataStore, Paging 3, WebSocket, Socket.IO, offline-first data synchronization

Quality & Performance: Unit testing (JUnit, MockK, Turbine), integration testing, Espresso, Compose UI / screenshot tests, Detekt, Baseline Profiles, Android Studio Profiler (CPU/memory), LeakCanary, ANR/crash analysis

Leadership & Delivery: Technical leadership, mentoring, code reviews, planning, estimation, release management, Agile, Scrum, Jira, Confluence, collaboration with product, design and QA; CI/CD (GitHub Actions, GitLab CI, Jenkins), Gradle Kotlin DSL, convention plugins, OpenAPI

Product Integrations: Firebase, FCM / push notifications, authentication, Google Analytics for Firebase, Crashlytics, Firebase A/B Testing, Amplitude, AppsFlyer, deep links / Android App Links, Google Play Billing, Qonversion, AdMob / native ads

Backend: Python, FastAPI, Rust, gRPC, RabbitMQ, PostgreSQL, Redis, Docker, Prometheus, Grafana

Agentic Development: Claude Code, Codex, GitHub Copilot, Model Context Protocol (MCP), LLM APIs, agentic feature pipelines, human code review

ML & Graphics: TensorFlow, TensorFlow Lite, Firebase ML (custom models), on-device image segmentation; Filament, ARCore

Education

Bachelor's Degree in Information Technology 2013 - 2018
Baranovichi State University

Languages

Russian (Native) | English (B2) | Polish (A1) | Spanish (A2)