

Viacheslav Titov — Senior Android/iOS Software Developer

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Summary

Mobile engineer with 13 years of experience building high-quality apps for Android and iOS — both native (Kotlin/Java, Swift/Objective-C) and cross-platform (React-Native, MAUI). Strong background in camera/telemetry, real-time data capture, payments, AR, CI/CD, clean architectures, MVVM. Comfortable owning features end-to-end: from architecture and APIs to testing and store releases.

Skills

Languages: Kotlin (strong), Java (strong), Swift (strong), JavaScript (medium), Go (medium), C/C++ (basic), Objective-C (basic), .NET MAUI (basic)

Mobile: Android SDK, Android NDK, Jetpack Compose, SwiftUI, UIKit, Core Data / SwiftData, Realm, SQLite

Networking/Backend: Retrofit, OkHttp, Alamofire, JSON, ProtoBuf, XML-RPC, Gin (Go)

Cloud & Services: Firebase (Analytics, FCM, Auth, DB, Storage), Mixpanel, Stripe, PayPal, Braintree, VoxImplant

Architecture: Clean Architecture, MVVM, MVP, Material Design patterns, Dependency Injection (Hilt, Swinject, Factory)

Testing: JUnit, Mockito, Espresso, Robolectric/Robotium, XCTest, XCUITest

Build/CI: Gradle, Maven, Ant, CocoaPods, SwiftPM, TeamCity, Jenkins, Azure Pipelines, Github Actions, Docker

Tools: Android Studio, Xcode, IntelliJ IDEA, VS Code, Git, Jira, Azure DevOps, Redmine, FogBugz

Selected Projects

- **Telematics Dashcam / Driver Violation Detection** — React-Native + Native Modules (Kotlin/Swift), ML backend integration, Android & iOS
 - Recorded video & photo frames; streamed runtime context to ML for detection/decisions
 - Shipped to both Google Play and App Store
- **IoT DIY Home Comfort Apps** — Java/Kotlin + shared C++ core, companion iOS integration
 - Unified business logic in C++ shared library across Android and iOS
 - Connectivity over local/remote Wi-Fi; robust web-service layer
- **E-Commerce / Banking (Central Asia)** — Kotlin, Clean Architecture, UI & Unit tests
 - Core business logic and service integrations
 - CI attention and testing strategy; released to Google Play
- **AR Object Placement Viewer** — Android + ARCore
 - Placed/previewed 3D models in real space; uploading/downloading models
 - Optimized rendering pipeline and device-compatibility
- **Live Interpreter Platform (Voice/Video)** — Android & iOS, VoxImplant, Firebase Phone Auth, Stripe/PayPal/Braintree
 - VoIP calling, real-time translation services
 - Integrated multi-provider payments & secure authentication
- **Large Christian Social/Dating App (Europe)** — Kotlin, Clean Architecture, Play Store
 - Messaging, likes, visitors, photo uploads, engagement features
 - Server API integration and production releases
- **Field Data Collection & Fingerprint Reader** — Android, JSON, device integrations

- Real-time survey capture for International HIV/AIDS Alliance in Ukraine
- Integrated fingerprint reader; dashboards & build-server setup
- **Ads Campaign Manager** — Android, payments, notifications
- Manage rates & phrases; live campaign stats & moderation state
- In-app payments and actionable notifications

Additional Projects

- Public transport routing with GLONASS GPS and payments
- Event-based social network with RxJava and Facebook integration (Parse.com backend)
- Workforce planning (GreenDAO, JSON; lead role; CI setup)
- Maidservant work-time planner (NFC, Google Maps & Directions, unit-tests, CI)
- Weather aggregation (ActiveAndroid, social integrations, CI, unit tests)
- Sports achievements tracker (ORMLite, JSON/Protobuf)
- Fisherman's guide (Ireland) with Facebook/Twitter integration

Education

- **2009–2012 — Kremenchuk Mykhailo Ostrohradskyi National University**

Engineer of Computer Systems. Diploma project: Monitoring of water bodies via ecosystem model; computation of water pollution degree.

- **2005–2009 — Kremenchuk Engineering College**

Electronics Technician

Languages

English — Upper-Intermediate; Ukrainian — Native