



Artsiom Basharkevich

Senior Android Engineer / Tech Lead

Location: Batumi, Georgia (Open to Remote / Relocation)

Legal Status: Individual Entrepreneur (Georgia). Open to global B2B contracts

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PROFESSIONAL SUMMARY

Results-oriented **Senior Android Engineer and Tech Lead** with over 8 years of experience in the full software development lifecycle. Specialized in building secure **Fintech** applications, complex **IoT** (BLE) integrations, **Healthcare** solutions, and **Media Streaming** platforms. Expert in Clean Architecture, SDK development, Modern Android (Jetpack Compose, Coroutines), and framework-level debugging (including core open-source contributions to RxJava). Proven track record of leading technical teams, mentoring developers, and establishing architectural standards. Available for long-term B2B contracts (Registered IE in Georgia, easy invoicing).

TECHNICAL SKILLS

- **Languages:** Kotlin, Java.
- **Core Android:** Android SDK, Jetpack Compose, Coroutines, Flow, Clean Architecture, MVI, MVVM.
- **Networking & Data:** Retrofit, OkHttp, WebSocket, GraphQL, Room, Realm
- **DI & Tools:** Dagger 2, Hilt, Koin, Gradle, Git, CI/CD, AI Tools (Gemini).
- **Specialized:** Bluetooth Low Energy (RxAndroidBle - Open Source Contributor), WebRTC (Video/Audio), Media Streaming (ExoPlayer), Google/Yandex Maps, Security (Android KeyStore).

WORK EXPERIENCE

Kapital Bank | Baku, Azerbaijan (Remote)

Android Engineer (Core / Platform Team) | Feb 2025 — Present

Developing the shared Core SDK and architectural foundation used across the holding's flagship applications: Birbank (Banking), m10 (Digital Wallet), and Birmarket (Marketplace).

- **SDK Development:** Engineering a modular Android SDK serving the ecosystem's major apps (Birbank, m10, Birmarket) to standardize features and accelerate development.
- **Architecture:** Architected a robust application foundation using Clean Architecture and MVI pattern, ensuring unidirectional data flow and scalability.
- **Modern UI:** Leading the adoption of Jetpack Compose and Material 3 Design systems.
- **Concurrency:** Leveraging Kotlin Coroutines and Flow for highly concurrent operations and complex state management.

Competo LLC | Baku, Azerbaijan (Remote)

Tech Lead, Android Engineer | Aug 2021 — Jan 2025 (3 years 6 mos)

Led the technical development of "Umico" (now rebranded as Birmarket) — a SuperApp integrating Marketplace, Customer Loyalty, and embedded Fintech services.

[Project Link: Birmarket \(Google Play\)](#)

- **Technical Leadership:** Defined the application architecture (Clean Arch), conducted code reviews, and mentored a cross-functional team of 4 Android developers.

- **Product Development:** Built complex modules for Financial Services (Banking), Customer Loyalty, and Marketplace domains.
- **Quality Assurance:** Resolved critical architectural bottlenecks, optimized app performance, and ensured high code quality standards.
- **Impact:** Played a key role in scaling the application from early stages to over 1M+ active downloads, maintaining stable performance across diverse business verticals.

2doc.health | Minsk, Belarus

Android Engineer | Jun 2020 — Jun 2021 (1 year 1 mo)

Developed a telemedicine application for online doctor consultations.

- **Real-time Communication:** Implemented video and audio calls using WebRTC and secured chat functionality via Socket connections.
- **Core Features:** Integrated map services (Yandex Maps), geolocation tracking, and file handling for medical conclusions.
- **Challenges Solved:** Resolved complex device-specific issues (e.g., Xiaomi background restrictions, video on locked screens) and handled unstable socket connections.

SoftTeco | Minsk, Belarus

Android Engineer | Jan 2019 — May 2020 (1 year 5 mos)

Developed an IoT application for smart door locks from scratch within a core team of 3 engineers (Currently: 100K+ downloads, 4.6 App Store rating).

[Project Link: tedee \(Google Play\)](#)

- **IoT & BLE:** Implemented secure door lock control using Bluetooth Low Energy (RxAndroidBle). Developed an encrypted TLS connection over BLE.
- **Complex Logic & Open Source:** Identified a fundamental thread-scheduling flaw in RxJava affecting encrypted BLE payloads. Collaborated directly with ReactiveX maintainers, leading to a core architectural fix in RxAndroidBle (see [\[Issue #628\]](#)) and the introduction of a new "fair mode" scheduler in RxJava 3.x (see [\[PR #6744\]](#)).
- **Features:** Architected from scratch and implemented auto-unlock/auto-lock features, hardware calibration, and secure authorization via MSAL (Microsoft).

EARLY CAREER HISTORY

OCSICO | Android Developer | Oct 2018 — Dec 2018

- Developed a mobile app for anglers with catch data calculation and sharing features.

ElateSoftware | Android Developer | Oct 2017 — Oct 2018

- Developed audiobook streaming app (ExoPlayer, encryption) and dating app (Geolocation, Chat).

EDUCATION

Belarusian National Technical University | Minsk

Bachelor of Science (BSc) in Civil and Industrial Engineering | 2015

Educational Center of HTP "IT Academy" | Minsk

Certificate in Android Development | 2017

LANGUAGES

- **English:** Intermediate (B1)
- **Russian:** Native