



Artsiom Basharkevich

Senior Android Engineer / Tech Lead

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PROFESSIONAL SUMMARY

Results-oriented 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 and Healthcare solutions. Expert in Clean Architecture, SDK development and Modern Android (Jetpack Compose, Coroutines). Proven track record of leading technical teams, mentoring developers and establishing architectural standards.

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.
- **Specialized:** Bluetooth Low Energy (RxAndroidBle), WebRTC (Video/Audio), Google/Yandex Maps, Security (Android KeyStore).

WORK EXPERIENCE

Kapital Bank | Baku, Azerbaijan (Remote)

Android Developer (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 Developer | 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.

<https://play.google.com/store/apps/details?id=com.competo.umicoloy>

- **Technical Leadership:** Defined the application architecture (Clean Arch), conducted code reviews and mentored a team of 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 to support millions of users and diverse business verticals.

2doc.health | Minsk, Belarus

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

Developed IoT applications for smart door locks and service marketplaces.

- **IoT & BLE:** Implemented secure door lock control using Bluetooth Low Energy (RxAndroidBle). Developed an encrypted TLS connection over BLE.
- **Complex Logic:** Solved critical race conditions in BLE communication (UUID conflicts) and managed RxJava scheduling issues for notification ordering.
- **Features:** Implemented auto-unlock/auto-lock features, device 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 apps (ExoPlayer, encryption) and dating applications (Geo-location, Chat).

EDUCATION

Educational Center of HTP "IT Academy" | Minsk

Android Developer | 2017

Belarusian National Technical University | Minsk

Civil and Industrial Engineering | 2015

LANGUAGES

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