# Shageldi Alyyev

Android Developer · Kotlin & Java · Kotlin Multiplatform

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## PROFESSIONAL SUMMARY

Android developer with 6+ years of commercial experience and **20+ production apps published to Google Play and the App Store**. Deep expertise in **Kotlin and Java**, Jetpack Compose, Coroutines/Flow, Room, Retrofit and Firebase, plus cross-platform delivery with Kotlin & Compose Multiplatform (featured in the JetBrains KMP showcase). Strong grounding in OOP and clean architecture, third-party libraries and REST APIs, real-time features (WebSocket/Socket.IO), foreground services and native video playback. I own the full lifecycle — concept, design, testing, release and support — monitoring stability with Firebase Crashlytics and analytics, and collaborating closely with Product, QA, Backend and Design teams.

## EXPERIENCE

**Mobile / Android Developer** · **Balary** 2024 — 2025

- Built a 50+ category online-supermarket app with Kotlin & Compose Multiplatform, shipping shared Android + iOS UI — featured in the official JetBrains KMP case studies.
- Implemented native maps (MapLibre + Nominatim), native video playback via JNI + FFmpeg, and offline-first caching with Room.
- Published and maintained production releases on Google Play and the App Store, monitoring stability and performance post-launch.

**Mobile / Android Developer** · **YTM** 2023 — 2025

- Built a GPS fleet-monitoring platform supporting 2,600+ device types: real-time tracking, geofencing, fuel monitoring, route recording and incident reporting.
- Delivered shared Android + iOS clients with Compose Multiplatform, Google Maps, Ktor and Koin, integrating real-time telemetry over WebSocket and REST APIs.

**Android Developer** · **Pikir** 2021 — 2022

- Developed native Android applications and shipped production releases to Google Play.
- Wrote clean, reusable, well-tested code following OOP and clean-architecture principles.

**Full-Stack / Android Developer** · **Geekspace Turkmenistan** 2020 — 2023

- Delivered end-to-end native Android apps (Java/Kotlin) for logistics, marketplace, GPS-tracking, EdTech and call-centre products, integrating third-party libraries and REST APIs.
- Built real-time features with Socket.IO and Firebase Cloud Messaging, plus foreground services for background location and dispatch.
- Also built React admin panels and Express/PostgreSQL back-ends, collaborating across the whole product.

## SELECTED ANDROID PROJECTS

**Yedu Taxi & Yedu Rides** — Android + iOS · AI Ride-Hailing
AI-powered taxi platform (rider & driver apps) on Google Play and the App Store; shared KMP GPS-listener library with a background foreground service for continuous location.

**Balary — Online Supermarket** — KMP · JetBrains Showcase
Shared Android + iOS supermarket with native maps, JNI + FFmpeg video and offline-first Room caching.

**Tex Logistic & Tex Driver** — Jetpack Compose · Logistics
Modular Jetpack Compose logistics app with real-time GPS tracking; companion open-source foreground-service GPS sender. Clean architecture, fully localized, CI via GitHub Actions.

**Kampyc — Student App** — Android · EdTech
#1 student app: live class schedules, a social feed, courses, jobs and student deals. Extensive use of Firebase Crashlytics for stability monitoring, Remote Config for feature flags, and A/B testing to iterate on feature rollouts.

**Komekçi & Operator** — Compose · Real-time · Caller-ID
Marketplace with real-time chat (Socket.IO, Coil, Lottie, Material 3) and a Caller-ID call-centre suite using Android's CallScreeningService, FCM and Google Maps.

## CORE SKILLS

**LANGUAGES**
Kotlin · Java · TypeScript

**ANDROID**
Jetpack Compose · Android XML · Coroutines / Flow · Room · Retrofit · Ktor · Hilt / Koin · WorkManager · Foreground Services · Material 3 · Google Maps

**CROSS-PLATFORM**
Kotlin Multiplatform · Compose Multiplatform · expect/actual

**FIREBASE & QUALITY**
Crashlytics · Analytics · Cloud Messaging · Remote Config · JUnit · UI Testing

**REAL-TIME & APIS**
REST APIs · WebSocket / Socket.IO · FFmpeg / Video

**ARCHITECTURE & CI/CD**
OOP · Clean Architecture · MVVM · Git · GitHub Actions · Bitrise

## SPEAKING & AWARDS

**Google I/O Extended 2025**
Speaker — Android 16 & Kotlin Multiplatform

**GDG DevFest 2025**
Speaker — Compose Multiplatform + Gemini

**GDG DevFest 2021**
Speaker — What's New in Android 12

**Türkmenaragatnaşyk**
Innovation Diplomas (II & III degree)

## EDUCATION

- **BSc, Computer Science**
  Oguzhan University

## OPEN-SOURCE

- **yedu-kmp-gps-listener** — headless KMP background GPS (klibs.io)
- **tm-chat** — room-based group-chat system (npm)
- **turkmen-converter** — Turkmen letter converter (npm)

## LANGUAGES

- English — Professional working proficiency
- Turkmen — Native · Russian — Fluent