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Shageldi Alyyev

Mobile Developer · Android, iOS & Kotlin Multiplatform · Full-Stack Web

SUMMARY

Mobile developer with 6+ years of commercial experience and 20+ production apps shipped to Google Play, the App Store and the web. Deep expertise in Kotlin, Jetpack Compose and Compose Multiplatform — with work featured in the JetBrains Kotlin Multiplatform showcase — complemented by full-stack delivery in React, Next.js, NestJS and TypeScript. I own the whole lifecycle, from first commit to a published, maintained release, with a focus on clean architecture, performance and cross-platform consistency.

EXPERIENCE

Full-Stack Developer — Next.js, NestJS & AI MCP · Jule.ai — USA · Remote

- Built jule.ai, a SaaS platform for onsite popups, surveys, signup forms and preference centres, across the whole stack.
- Backend in NestJS, PostgreSQL and TypeORM with JWT/2FA auth, BullMQ + Redis job queues, Stripe billing, S3 uploads and Sentry monitoring.
- Frontend in Next.js and TypeScript: a Konva-based canvas editor with A/B testing and conditional logic, React Flow logic graphs, TanStack Query and Zustand.
- Shipped Tinybird event analytics, idempotent Iterable coupon delivery with an hourly self-healing sweeper, and usage-cost tracking with versioned pricing.

AI Developer & Mobile Developer (Android, iOS) · Yedu — Dubai, UAE · Remote

- Shipped the Yedu Taxi rider app and Yedu Rides driver app on Google Play and the App Store.
- Built the AI booking flow: riders book by tapping, talking, or sending the EVA assistant a photo.
- Driver app: smart request flow, route optimisation, one-tap go-online and an earnings dashboard.
- Authored yedu-kmp-gps-listener, an open-source headless Kotlin Multiplatform library for background GPS on Android and iOS.

Kotlin Multiplatform Developer · Кампус (Campus) — Russia · Remote

- Developed the #1 student app: live class schedules, a social feed, courses, jobs and student deals.
- Monitored stability with Firebase Crashlytics and iterated on rollouts with Remote Config feature flags and A/B testing.

Mobile Developer · Balary — 2024 — 2025

- Built a 50+ category online supermarket with Kotlin and Compose Multiplatform, sharing UI across Android and iOS — featured in the official JetBrains KMP case studies.
- Implemented native maps (MapLibre + Nominatim), video playback via JNI + FFmpeg and offline-first caching with Room KMP.

Mobile 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 and iOS clients with Compose Multiplatform, Google Maps, Ktor and Koin.

Full-Stack Developer · Geekspace Turkmenistan — 2020 — 2023

- Delivered end-to-end products for logistics, marketplaces, GPS tracking, EdTech and call centres: native Android apps (Java/Kotlin), React admin panels and Express/PostgreSQL APIs.
- Built real-time features with Socket.IO and Firebase Cloud Messaging, plus foreground services for background location and dispatch.

Web Development Mentor · Bootcamp Turkmenistan 2022 — 2023

- Mentored students in modern web development and built the official Bootcamp Turkmenistan website.

Mobile Developer · Pikir 2021 — 2022

- Developed native Android applications and shipped production releases to Google Play.

SELECTED PROJECTS

Smirk iOS
Calendar that remembers: multi-account Google calendars, booking links, contacts with notes and birthdays, and tasks.

Tex Logistic & Tex Driver Jetpack Compose
Modular, fully localised freight platform with real-time GPS tracking and an open-source driver GPS sender.

Tmsargyt Compose Multiplatform
E-commerce app bringing thousands of Chinese shops into one shared Android and iOS experience.

Kiosk Compose Multiplatform · NestJS
Self-service payment terminal on Ubuntu with bill acceptor, receipt printing and serial hardware control.

Operator Android · React · Express · C#
Caller-ID call-centre suite with operator and courier apps, admin panel, offline/online sync and call screening.

Shopify Cache Store NestJS · Elasticsearch · React
Searchable product cache and storefront for Shopify catalogues.

SKILLS

Mobile	Kotlin, Java, 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, SQLDelight, MapLibre
Web & backend	TypeScript, React, Next.js, NestJS, Express, PostgreSQL, TypeORM, Redis / BullMQ, Elasticsearch, Stripe, Docker
Quality & delivery	Clean Architecture, MVVM, JUnit, Firebase Crashlytics, Remote Config, Cloud Messaging, Git, GitHub Actions, Bitrise

SPEAKING & RECOGNITION

Google I/O Extended Ashgabat 2025 — Speaker — AI-powered Android 16 and Kotlin Multiplatform

GDG DevFest Ashgabat 2025 — Speaker — Keep It Native: Compose Multiplatform with Gemini

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

JetBrains KMP Showcase — Featured case study — Balary

USAID Startup Ecosystem Program — Completion, 2021

Türkmenaragatnaşyk — Innovation diplomas, II & III degree

OPEN SOURCE

yedu-kmp-gps-listener — Headless KMP background GPS for Android & iOS · klibs.io

tm-chat — Room-based group and one-to-one chat · npm

turkmen-pelias-model / -query — Pelias geocoder data model and queries · npm

turkmen-converter — Turkmen letter converter and typo generator · npm

EDUCATION

BSc, Computer Science — Oguzhan University

LANGUAGES

Turkmen (native) · Russian (fluent) · English (professional working)