

Zhanibek Marshal

Senior Android engineer · Berlin · 12+ years shipping production Android. At Trade Republic building payment rails, design systems, and mobile observability at scale. Speaker at Droidcon Berlin. Advocate for testable code and automation.

email · linkedin · github

EXPERIENCE

2022 - now

Senior Engineer

Trade Republic, Berlin

checking account · 2025 - present

- Own Android delivery for checking-account activation - the gateway to a Trade Republic IBAN.
- Launched Bizum end-to-end on Android from a blank slate: P2P transfer, Request-to-Pay, and e-commerce merchant payments - the full Spanish instant-payments surface.
- Building the transfer surface across SEPA, Bizum, and add-money paths (Direct Debit via Adyen, Google Pay, FlizPay).
- Drove observability uplift with OpenTelemetry distributed tracing and Grafana dashboards for business-critical SLO monitoring.
- Designed and rolled out the Maestro E2E testing strategy for transfer flows that Espresso couldn't cover (Adyen, FlizPay SDKs). Shared at Droidcon Berlin 2025.
- Integrated Figma Code Connect for the design system, closing the loop between Figma component sources and the Compose codebase.
- Authored "State of Android at Trade Republic - 2024 edition" on the engineering blog.
- Co-organise Grab & Grow, Trade Republic's monthly internal lunch-and-learn, running for 2+ years.

cards & benefits · 2023 - 2025

- Core Android engineer on the launch of Trade Republic's banking proposition ahead of the full BaFin banking licence.
- Shipped Saveback and Round-up card rewards on Android, tying card spend back into customers' investing flow.
- Contributed to a launch that put millions of Trade Republic cards into customers' hands within the first year.
- Owned the Android side of card fraud-prevention - shipped flows and controls that reduced fraud exposure for cardholders.

design system · 2022 - 2023

- Co-launched Design System 2.0 - a complete rewrite to Jetpack Compose, now the UI foundation for every Android product surface at Trade Republic.
- Stood up Paparazzi snapshot testing on GitHub Actions, eliminating an entire class of visual regressions and enabling confident component changes across all Android teams.
- Represented Trade Republic at Droidcon Berlin 2023 with "Design System Driven Android Development: A Guide to Automation Tools".

2020 - 2022

Android Developer

Zattoo, Berlin

IP-based TV platform for live channels and Video-on-Demand across Europe.

- Launched an Android TV box product with a custom launcher, opening a new B2B customer segment.
- Implemented on-device recording download to HDD with timeshift support for live streams.

Aug 2019 - Jan 2020

Android Team Lead

Alfa-Bank Kazakhstan, Almaty

One of the largest private banking groups in Kazakhstan.

- Built a corporate client app to automate monetary procedures.
- Reorganised the development process and introduced a career ladder to attract skilled mobile engineers.

2015 - 2019

Android Team Lead

Kolesa.kz, Almaty

Leading classified ads platform in Kazakhstan and Uzbekistan - 5M+ installs on Google Play.

- Led Android development across 4 apps; 3 were named top 5 mobile apps in Kazakhstan by Forbes in 2018.
- Coordinated the launch of "Avtoelon" in Uzbekistan - 100k+ installs in the first six months.
- Cut app start time from 10s to 1s by caching dynamic data in SQLite.
- Migrated several Git repos to a monorepo; the development lifecycle accelerated 2x.
- Introduced JUnit 4 - test coverage grew 30% in five months.

2014 - 2015 **Android Developer**
iBEC Systems, Almaty
Full-cycle internet services consultancy.

- Built the Android app for Kazakhstan's national postal service - directed API design and maintained crash-free rate above 99%.
- Delivered the Chocolife.me coupon app in close collaboration with UI/UX.

2013 - 2014 **Android Developer**
Springfruit, Almaty
Geo-social dating startup. Integrated XMPP to power real-time in-app chat.

SPEAKING

selected

- Droidcon Berlin 2025 - Maestro: Reliable E2E testing made easy
- GDG Berlin Android 2023 - Maestro - UI Testing Framework
- Droidcon Berlin 2023 - Design System Driven Android Development: A Guide to Automation Tools
- Android KZ Meetup 2022 - Jetpack Compose Navigation
- Kolesa-conf 2019 - Improving Android Developer Life with Kotlin Coroutines and ViewModel
- DrinkUp Almaty 2018 - Why Android Developers Switch to Kotlin
- Kolesa.Mobile 2016 - Concurrency in Android: A Sequential Guide

EDUCATION

2011 - 2015 **Bachelor of Engineering and Technology in Computing and Software Engineering**

CERTIFICATIONS

languages

- Zertifikat Deutsch / telc Deutsch - B1
- Japanese-Language Proficiency Test - N1

ACTIVITIES

2017 - now **Android KZ**
Community of Android developers in Kazakhstan

- Founded a community of 1000+ Android developers across Kazakhstan.
- Organised multiple online meetups including during the COVID-19 lockdown period.

2015 - 2019 **Kolesa Conf**
Technical conference held by Kolesa Group, Almaty

- Active speaker and organiser of a leading IT conference in Almaty.
- Spoke on Kotlin Coroutines, MVVM architecture, and CI/CD.

2019 **Technovation**
Global leadership programme for girls

- Mentored a team of high school students to build mobile applications.
- Coached the team through a regional pitch held in Nur-Sultan.

2018 **Google DevFest**
GDG Almaty

- Hosted code labs on Jetpack Android Architecture Components.
- Gave a talk on common problems Android developers face with MVVM.