

MYKHAILO KRYSHTOP

Senior Android Engineer / Team Lead

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SUMMARY

I help automotive and consumer tech companies build scalable Android solutions across application and platform layers. Over 13 years, I've led cross-functional teams, delivered components for AAOS systems for tier-1 and OEMs, and shipped apps with 1M+ installs – spanning everything from AOSP customization to Jetpack Compose UIs.

EXPERIENCE

Cinemo GmbH – Senior Android Engineer / Team Lead – Karlsruhe, Germany

07/2023 – Present

<https://www.cinemo.com>

- Led a cross-functional team of up to 10 engineers (Android/iOS/AAOS/Web)
- Delivered a suite of 5 apps and a multiplatform SDK that allowed exposing and extending Android Automotive features
- At the heart of the whole system was an in-car hosted backend with gRPC services and WebRTC for media streaming
- Supported Android Automotive version 12 and above for NXP, Renesas, and Khadas BSP
- Owned multiple software components, mainly Android Apps, Android SDK, CI and Release infrastructure

Transcenda – Lead Android Developer – Kyiv, Ukraine

08/2020 – 06/2023

<https://play.google.com/store/apps/details?id=com.ge.cbyge>

- Worked on a Cync smart home app with over 1M+ installs in close communication with a US-based team
- Rewrote an application from the bottom up, resulting in a significant increase in Play Store rating from 2 to 4.4 stars
- More than 120 smart devices have been added, such as light bulbs, switches, cameras, thermostats, motion sensors, and others
- Worked on each application layer from BLE and Wi-Fi communication protocols to custom UI drawing on Canvas
- Started transition to Jetpack Compose

CloudMade – Senior Android Developer – Kyiv, Ukraine

10/2019 – 08/2020

<https://cloudmade.com>

- Created multiple applications to showcase different machine learning use cases for top Automotive brands (Toyota, Ford, Peugeot)
- Integrated map providers such as Google Maps, TomTom, and MapBox
- Worked with Automotive AOSP build

Skylum Software – Senior Android Developer – Kyiv, Ukraine

02/2019 – 09/2019

<https://skylum.com>

- Ported Photolemur 3 image editing macOS app to Android app that could be run on Chrome OS according to Google guidelines
- Wrote Android NDK JNI bindings for image processing
- Converted complex procedural animation from C++ code

Meed Mobile – Senior Android Developer – Kyiv, Ukraine

06/2016 – 01/2019

<https://play.google.com/store/apps/details?id=com.fiksu.fma.android>

- Rewrote an HTML-based wrapper into an Android native framework that supports making differently styled apps with a different subset of features

- Apps were installed on more than 5M+ devices with an active user base of 500K+ users

Noosphere Ventures – Android Developer – Zaporizhzhia, Ukraine

06/2013 – 06/2016

<https://noosphereventures.com> <https://play.google.com/store/apps/details?id=com.pocketguard.android.app>

- Created and launched a number of apps on the Play Store in Social networking, Financial and Marketing domains
- Implemented a marketing advertisement SDK according to IAB standards

SKILLS

Java, Kotlin, Python, Android SDK, AOSP, AAOS, AndroidX, Material Design, Jetpack Compose, Room, Navigation, WorkManager, Dagger 1/2, Hilt, RxJava 1/2, Firebase, Camera, Retrofit, OkHttp, Glide, ADB, Realm DB, JUnit, Espresso, MockK, ProGuard, R8, Lint, KtLint, Git, Maven, Lottie, ZXing, Tuya SDK, Facebook SDK, Twitter, Instagram, Yelp, Sentry, AIDL, Binder, Cuttlefish, SELinux, Treble, VINTF, APEX, RRO, SystemAPI.

EDUCATION

National University “Zaporizka Politechnika”, Ukraine

2008 – 2013

Specialist (MSc equivalent) in Software Engineering, 7.05010301 Software systems

LANGUAGES

English – Fluent