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Top Skills

Troubleshooting
Syntax
Systems Design

Languages

Russian (Native or Bilingual)
German (Elementary)
English (Professional Working)
Esperanto (Elementary)

Slava Grishanin

Android Engineer at Financial Services Agency | Android Developer, Kotlin, Java | Software Engineer, Android | Mobile Application Developer | Android Mobile Engineer | Point-of-sale Terminal | MVVM | MVI | Compose
Seattle, Washington, United States

Summary

I am an Android Software Engineer, USA legal permanent resident. I have more than 3 years of commercial software development experience with Kotlin and Java.

I have implemented android applications for financial processing and service monitoring. Applications that I worked with are used in the social security area and allows to provide goods and services for people in need, optimize and make the work easier for social and medical workers.

I hold the view, that good software is software that is so intuitive and natural that the user does not notice it while using it. Software that allows users to fully focus on the task and the process, rather than on the tool.

Software development has been my passion since school days. I've been developing video games and Windows applications in C++, as well as websites with HTML and JavaScript. But I dedicate myself to mobile development with Kotlin and Java, because a smartphone is a programmed multifunctional tool that is always at hand.

Apps that I develop are maintainable, scalable and easy to understand, follow SOLID, Clean Architecture, MVVM, MVI patterns

Skills: Android Framework · Kotlin · Java · Retrofit · Room Database · RxJava · Kotlin Coroutines · Android Jetpack · Jetpack Compose · Dagger (Software) · Mifare · Apollo GraphQL · Cicerone · Moxy · Google Material Design · JUnit · Firebase · JSON · OkHttp · SQLite · Hilt · ExoPlayer · MPAndroidChart · Android Studio · Gradle · Git · GitHub · Gitlab · Jira · YouTrack · ClickUp · Postman API · Figma (Software) · Koin · Gson · Moshi · Glide · Coil · Toothpick · Picasso

· Acra · Acrarium · Android · Android Development · Android SDK · Android Testing · Android Design · Android Support · Android NDK · Sunmi SDK · Evotor SDK · Landi SDK · Apollo · GraphQL · Hasura · ProGuard · Dokka · ZXing · EMV · TLV · Espresso · Android Espresso · AIDL · ESCPOS-ThermalPrinter-Android · NfcAdapter · IsoDep · Maven · Kotlin DSL · AES · AES Crypt · SHA · HMAC · Hashing · Encryption · Public Key Cryptography · Cryptography · Barcode · Room · Coroutines · Dagger · Figma · Firebase · Google Maps API · WebView · ADB · SOLID · Clean Architecture · MVP · MVVM · MVI

Experience

Financial Services Agency

Android Engineer

March 2021 - Present (3 years 5 months)

Moscow, Russia

Software development for android devices - smartphones, tablets, and point-of-sale terminals (Sunmi, Landi, Evotor).

Detailed post about each app is in my profile.

Development of "NFP: Social Services", an app for social and medical workers that is used in 8 cities and communities of Adyghe Republic, Arkhangelsk, Ulyanovsk, Khantia-Mansia, Sakhalin, Khabarovsk.

Implemented:

- Reading bank card with phone NFC and POS pin-pads
- Reading Mifare Cards
- QR code generation and scanning
- Printing with bluetooth printer
- Requests to GraphQL database (Hasura)
- Logging and error report system based on Acra
- Support of POS SDKs features
- Clear and responsive UI with Jetpack libraries
- Individual favour for each client

Development of "Social Certificates", a POS-terminal app that allows to receive Digital Certificate as a mean of payment. An app that was used by over 1100 businesses for over \$5.6 mln. worth of transactions.

Implemented:

- Support of pin-pads for payment operations (Pax, Kozen, Ingenico)
- Fiscalization with POS SDK (Evotor)
- Retrofit REST API implementation with guaranteed request execution
- Accessible UI with Jetpack libraries

Development of "Digital Prescriptions", a POS-terminal client for pharmacies that allows to release digital prescriptions.

Implemented:

- Several different REST APIs of digital prescriptions providers
- Easy to use and intuitive UI with Jetpack libraries
- Reading barcodes (QR, DataMatrix) with camera and external Barcode reader
- Commodity picking, basket editing and medicine payment with POS SDK (Evotor)

Development of "NFP: Registration", an app for producing identifications from: Mifare Classic Card, Bank card, QR-code. Used by social workers of Khantia-Mansia.

Implemented:

- UI with Jetpack Compose
 - Tools for Mifare Classic Cards personalization
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- Made MVPs for testing business ideas
 - Gave presentations for customers
 - Provided technical support training
 - Maintained internal manuals
 - Filmed showcase videos

Education

"Specialist" of Bauman Moscow State Technical University

Erudit School

GeekBrains

Stepik

SkillFactory

