

# Roman Tsisyk

## Senior Android Engineer

### Contacts:

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### Summary:

- 11+ years of professional experience in the Information Technology industry;
- 6+ years of professional Android application development experience;
- Proficient in Kotlin, Dart, and Java; understands MVVM and MVP patterns;
- Skilled in building clean, memory-efficient applications with fluent UI/UX in Jetpack Compose;
- Experienced in integrating building own third-party open-source and private libraries SDK;
- Knowledgeable in push notifications, analytics, and Crashlytics;
- Focused on testability and scalability in software development;
- Familiar with Android Jetpack, Kotlin Coroutines, Flow, RxJava2;
- Substantial experience with code versioning tools like Git on GitLab and GitHub, and experience with Azure, Confluence, and Jira;
- Experienced with Room, SQLite, and NoSQL databases;
- Proficient in developing Android applications with advanced security requirements;
- Experienced in publishing applications on Google Play Store, including compliance, A/B testing, and Alpha/Beta channels;
- Capable of working in large, distributed teams and managing interactions with multiple stakeholders;
- Adaptable to Agile and Scrum methodologies.

### Education:

Master's degree of Engineering, Ternopil National Technical University, Ukraine

### Work Experience:

HP Inc Polska Senior Android Developer Engineer, Software Architect.	Jan 2022 - Present
GlobalLogic Poland Software Engineer	May 2021 - Dec 2021
Aplitt sp. z o.o Mobile Application Developer	Sep 2020 - Apr 2021
Freelance Android & Web Developer	Apr 2018 - Aug 2020
GSM BILLING Android Developer	May 2017 - Mar 2018
Devitech Web Frontend Web Developer, Manual Tester.	Oct 2012 - Jan 2017

## Recently Completed Projects:

### Bluetooth and IoT control app for audio devices

<b>Client:</b>	American multinational information technology company
<b>Description:</b>	The app offers a range of features for personalizing audio experience. It helps keep devices updated, allows customization of settings, provides support, and includes a Find My Device feature. Ideal for both individual users and enterprise IT Administrators, it supports managing device policies, gaining insights into device usage, and remote troubleshooting.
<b>Platform:</b>	Android
<b>Language:</b>	Kotlin
<b>Position:</b>	Senior Android Developer Engineer
<b>Environments:</b>	Android SDK, REST, GraphQL, Apollo Android, GSON, JSON OAuth2, HILT, RxJava, Room, ViewModel, Compose, LiveData, Google & Firebase services, Git, Jira, Confluence, CI/CD, Android studio
<b>Activities:</b>	<ul style="list-style-type: none"><li>● Enhanced an extensive pre-existing galaxy code base.</li><li>● Created new features, UI elements, and services from the ground up.</li><li>● Improving application architecture using MVVM and DI with Hilt.</li><li>● Implementing web certificate pinning and custom network solutions.</li><li>● Refactoring legacy code and integrating Java classes into Kotlin.</li><li>● Integrating Firebase Analytics and Crashlytics for custom logs.</li><li>● Generating test APKs and production-ready app bundles.</li><li>● Publishing apps on the Google Play Store.</li><li>● Participating in Agile methodology ceremonies.</li><li>● Conducting PR code reviews and ensuring release readiness.</li><li>● Developing common architecture solutions for different platform clients.</li><li>● Collaborating with the UX team on design implementation and app behavior.</li><li>● Covering the code base with unit tests.</li><li>● Assisting in writing automation tests on Appium.</li></ul>

### Bluetooth and IoT control app for automotive

<b>Client:</b>	German luxury and commercial vehicle automotive brand
<b>Description:</b>	The app offers a range of features for personalizing drive with the app dashboard, convenient parking solutions, updating driving data and service needs. The app also supports enhanced navigation, fuel management, remote vehicle control, emergency assistance, and personalized settings.
<b>Platform:</b>	Android
<b>Language:</b>	Kotlin, Java
<b>Position:</b>	Software Engineer
<b>Environments:</b>	Android SDK, REST, Retrofit, GSON, JSON ViewModel, LiveData, Room, Lifecycle, Room, Data Binding, Navigation, WorkManager, Retrofit 2, RxJava2, Dagger2, EventBus, Google & Firebase services, Git, Jira, Confluence, Android studio.
<b>Activities:</b>	<ul style="list-style-type: none"><li>● Managed a large galaxy code base.</li><li>● Integrated Adobe Analytics for enhanced data analysis.</li><li>● Actively participated in Agile methodology ceremonies.</li><li>● Conducted PR code reviews and ensured release readiness.</li><li>● Implemented unit testing across the code base.</li><li>● Developed new features for fetching and displaying driving data in UI.</li><li>● Integrated custom C++ libraries to enhance functionality.</li><li>● Implemented push notification features for user engagement.</li><li>● Designed and created custom views for a unique user experience.</li><li>● Improved data handling and processing efficiency.</li><li>● Worked with Google Maps and Places APIs for location-based services.</li><li>● Extensively utilized background services and multithreading for optimal app performance.</li></ul>

## Financial management app

**Client:** Polish bank system

**Description:** This app provides features like transaction history, account balance, easy transfers, and PDF confirmations. It includes a Widget for quick fund visibility, insights into savings and loans, and card management. Security is emphasized with unique login and PIN authorization for app access.

**Platform:** Android, IOS

**Language:** Dart, Kotlin

**Position:** Software Engineer

**Environments:** Flutter, Android SDK, REST, okhttp, BLOC, Firebase services, Git, Jira, Confluence, CI/CD, Visual Studio Code

**Activities:**

- Developed and debugged code from the ground up, integrating APIs and databases to ensure the application's robustness and scalability.
- Engaged in collaborative work with designers, product owners, and cross-functional development teams, aligning the app's functionality and design with customer requirements and preferences.
- Strategically planned and architected the application, selecting optimal technologies and methodologies to meet project goals effectively.
- Implemented advanced user data protection measures, including sophisticated data encryption techniques and robust authentication and authorization protocols to safeguard user information.
- Continuously evaluated and refined the app's performance, ensuring seamless user experience and functionality across different platforms and devices.

## Skills:

**Programming Languages:** Kotlin, Dart, Java, XML

**Frameworks and Technologies:** Android SDK, Jetpack (including ViewModel, Compose, LiveData, Room, Data Binding, Navigation, WorkManager), Flutter, BLOC.

**Databases:** Room, SQLite, NoSQL.

**Android architecture Patterns:** MVVM, MVP

**Security:** SSL certificate pinning, data encryption, authentication and authorization protocols.

**Testing Frameworks:** JUnit, Espresso, Appium.

**Tools:** Android Studio, Vcode, Gradle, Jira, Git, Postman, Swagger, Azure.

**APIs and Platforms:** REST, GraphQL, Apollo Android, Retrofit, okhttp, OAuth2, Google & Firebase services, Microsoft Azure IoT SDKs

**Additional Skills:** Agile and Scrum methodologies, Git on GitLab and GitHub, collaboration with cross-functional teams, Azure, Confluence.