

Jakub Kalisiak

Senior Software Engineer

Łódź, Poland

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Professional Summary

Software Engineer with 15 years of experience in designing, developing and testing Android applications across diverse industries and multinational environments. Proficient in modern android development practices and frameworks. Committed to clean architecture, maintainable and scalable designs, automated testing and teamwork.

Core Skills

- Programming: Kotlin, Java
 - Frameworks & Architecture: Android, MVVM, Jetpack, KMP, Dagger
 - Testing: JUnit, Espresso, Mockito, Mockk
 - Tools & Platforms: Android Studio, Git, Jira, Confluence, GitHub
 - Agile & Scrum
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Professional Experience

Software Engineer IV

TomTom, Łódź

Jan 2021 – July 2025

- Participated in implementing, integrating, maintaining and testing new features for automotive navigation sdk, primarily map-related.
- Integrated new map rendering engine with backwards compatibility for previous engine.
- Designed and implemented KMP ready ui navigation framework alternative (to jetpack navigation and fragment manager).
- Supported non-android implementation of the navigation sdk.
- Designed and implemented fast computation for finding non ui-obscured screen regions.

Consultant (previously Senior Software Engineer, Software Engineer and Junior Software Engineer)

Mobica, Łódź

Jun 2010 – Dec 2020

- Led and mentored a team designing and developing an internal project for filling and transferring forms between multiple devices in client-master architecture and a backend.
- Designed, implemented and maintained settings api and application for custom android based device, with social network and third party integration for login and profile information.
- Maintained and improved existing telecom rewards application, additionally acting as team and tech lead.
- Integrated support for external display into stock device navigation application via custom Bluetooth communication, including user interaction from the remote display.

- Converted automotive navigation application from custom to stock devices, including implementing new business model support.
- Designed and implemented audio controlling subsystem for automotive application.
- Participated in designing and implementing speech recognition engine integration into automotive application.
- Implemented various applications integrating social platforms for mobiles (J2ME).

Intern

Comarch, Łódź

June 2008 – August 2008

- Help feature in web application (Java, JSP)

Education

Master of Science in Computer Science

Technical University of Lodz, Poland

2005 – 2010

Languages

- English (Proficient, CPE(B) in 2006)
- Polish (Native)