

Michael Pustovit

Most recent position: Lead Mobile Engineer at INTELITY

Brief overview

Hello! My name is Michael and I'm a software engineer. I started my professional programming career in 2012 (in the fifth year of Computer science faculty at Kyiv Polytechnic University) as a **Java developer**. But shortly after the start, I've switched to the **Android** world. I have been working on quite a few applications for the app stores and was involved in **full-cycle development**- from the initial estimation to the release/support phase. Most of the time I was working as an **Android developer** (Kotlin/Java), but also I have some experience with **Swift** (SDK creation and maintaining), **ReactNative**, **team processes facilitation** (played scrum master and team lead roles) and **extreme programming practices** (TDD, CI, pair programming).

Contacts

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Areas of Expertise

- Mobile application development
 - Android (Kotlin/Java)
- SDK/libraries development and support
 - Android (Kotlin/Java)
 - iOS (Swift)
 - ReactNative
- Dev team work process facilitation
 - Estimation and planning
 - Played a scrum master role
 - Played a team lead role
 - Extreme programming practices (TDD, pair programming, CI/DI)
- Tech support/guidance of 3rd party dev teams

Experience

- **Lead Mobile Engineer** at **INTELITY** September 2018 - May 2020
- **Senior Android developer** at **KEYPR** Jun 2017 - September 2018
- **Android developer** at **Stanfy** February 2012 - April 2017
- **Junior Java Developer** at **NCube Ltd** August 2011 - January 2012

Projects

- **INTELITY** [Google Play](#) custom application for hotels and door lock solutions. **Challenges:** build CI tools for white-label applications (single code base → multiple applications with different resources); support and maintenance of multiplatform SDK (Android, iOS, ReactNative) for third-party dev teams; leading a team of four devs, facilitation of Scrum process
- **KEYPR** [Google Play](#) complex solution for hospitality. **Challenges:** custom Android firmware (modification of many system components such as System UI, Launcher, default applications (clock, calculator), etc); a set of applications for hotel services: map (shows nearby POI), compendium (replaces printed materials), custom daydream application (that shows hotel ads), etc; a custom applications distribution system; tools for hardware monitoring and management
- **NDA** Several projects that can not be disclosed (under **NDA**)
- **Voicebase** [Google Play](#) a sound recording application. **Challenges:** start a new project from scratch; UX prototyping (screens flow); audio recording; audio records sync (with a server); all UI and REST client development
- **Android App "Право України"** [Google Play](#): a tablet application with a collection of Ukrainian laws. **Challenges:** big DB with indexes; a webview with sophisticated CSS and JS for user interaction; custom UI widgets; sync of a news feed with an internal app DB
- **Kinopoisk for Android** Android mobile app for kinopoisk.ru [Google Play](#). **Challenges:** maintenance of an already created codebase; adding new features (new UI widgets and screens)

Dev community

- **Moderator** at [KyivAndroidDevClub](#)
- **Speaker** at
 - [KyivAndroidDevClub](#) meetups
 - [Stanfy MadCode](#) webinars
 - [GDG DevFest 2016](#)
 - [Dev at work: Mobile meetup](#)

Languages

- **English** Professional working proficiency
- **Ukrainian, Russian** Native or bilingual proficiency

Education

- National Technical University of Ukraine 'Kyiv Polytechnic Institute.'
Magister, Computer Science, 2007 - 2013, Graduated with honors

Personal details

Birthday April 06, 1990

Interests

programming, capoeira, dance, traveling

Future Goals

- Project management (lead and deliver complete products)
- Expand knowledge in backend development

Tech skills

- **Main language:** Java/Kotlin
- **Languages (basic knowledge/have some experience):** Swift, JS/Typescript (frontend and NodeJS), Golang, C/C++
- **Development tools:** IntelliJ Idea (Android Studio), XCode, Eclipse, Vim
- **Programming theory:**
 - Basic algorithms and data structures
 - GoF patterns
 - OOP design principles
 - Basics of functional programming
- **Strong knowledge of:**
 - Core Java/Kotlin
 - Android SDK
 - Mobile apps architecture
 - REST clients
- **Has experience in/with:**
 - **Testing/TDD:** Junit, Mockito, Robolectric, AssertJ, Cuckoo
 - **DB:** SQL, JDBC, NoSQL (Mongo, Firebase)
 - **Text processing tools:** RegExp
 - **Java concurrency**
 - **Reactive programming:** RxJava, RxAndroid, RxSwift
 - **User interfaces:** Android Standard UI elements, AWT, Swing, Java2D, Qt, JS(Bootstrap, Angular)
 - **Android app architectures:** MVP, MVVM, Flux, Clean Architecture, etc
 - **Build tools:** Gradle, Maven, Fastlane
 - **Version control:** GIT, SVN
 - **Web:** HTML, CSS, JavaScript (on basic level)
 - **DI:** Dagger *, Android Annotations, Guice, Koin
 - **Graphic editing:** basic skills
 - **CI:** Jenkins/Pipeline, docker
 - **Network communication:** REST clients (Retrofit, OkHttp, Apache HTTP client), GSON
 - **Hybrid mobile frameworks:** ReactNative
- **Agile frameworks:** Scrum
- **Worked in these environments:** Mac OS X, Linux (Ubuntu), Windows

