Petr Kozlov

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TECHNICAL EXPERIENCE

Android Developer / Redmadrobot LLC(with inner transfer to Mission:Luna company)   **NOV 2018 — Present**

Project: AlfaStrakhovanie

- Refactored code from old architecture based on inheritance to the new one with composition and taught myself RxJava 2 to replace similar legacy company-local libraries. These changes boosted development process with saving up to 20-30% of time.
- Implemented new data syncing approach by dividing data into necessary one for the whole app and one that is needed for corresponding screens only. As the result app loading time was reduced from 10 to 2 seconds.
- Developed a support chat using Webim SDK in tight deadlines collaborating directly with the customer and defining scope of features according to technical restrictions. Delivered this feature to users before the old solution stopped working.

Project: Schoolkid

- Built a new project from scratch with new technology stack. Taught myself MVVM, Kotlin Flow and Android Navigation and lead small team of 2 more android developers. Combining duties of tech lead and developer released an app within strict deadlines.

Project: Toyota

- Cooperated with international team in multi modular project and implemented maps for Russian market using Yandex MapKit which resulted in providing more accurate and relevant map for users of Toyota App.

Open source

- Contributed in PhotoView library and fixed a bug of flipping image which had been firing in 100% cases and decreased its occurrence to 0%.

Android Developer / Binomo LLC   **JUL 2017 — NOV 2018**

- Redeveloped data syncing from "load everything on the start" to "load only necessary for screen logic" thus enhanced application loading time from 1 minute to 5-10 seconds and added an ability to restore app state properly after connection loss.
- Migrated from Java to Kotlin using idiomatic Kotlin-style null-safety which increased crash-free sessions from 88% to 97%.

Junior Android Developer / Chugun Partnership   **SEP 2016 — JUL 2017**

- Having only academic experience in android released first MVP application in three months while studying Android SDK on-the-fly with following up developing of new features and fixing fatal and minor bugs.

EDUCATION

Master Degree in Computer Science, *Saint-Petersburg Electrotechnical University "LETI"*   2016 — 2018
Bachelor Degree in Computer Science, *Saint-Petersburg Electrotechnical University "LETI"*   2012 — 2016

SKILLS

Languages	Java, Kotlin
Libraries and frameworks	Android SDK, MVP Moxy, Google MVVM, Toothpick, Hilt, Cicerone, Android Navigation, RxJava 2, Kotlin Coroutines, Kotlin Flow
Communication	English(C1; IELTS 8.0), Russian(native)

ACTIVITIES

2020

- Became a program committee member of the Mobius conference(the biggest mobile development conference in Russia). Assessed participants from all over the world with their presentations, helped them to perfect it and make it more interesting and useful for the audience of mobile developers.

2019

- Started from presentations about mobile development for our team and made it to tech conferences as a spokesperson. Made a presentation about DiffUtil under the hood on Saint-Petersburg AppsConf and DevFest and Novosibirsk DevFest with hundreds of viewers on each conference.