Kanstantsin Chaiko

I am result orientated and highly motivated person with 7,5 years' experience in mobile development. I have a solid knowledge in Android development and also have a huge experience in Kotlin, Java and Swift. I have a basic knowledge in iOS development. Familiar with android architecture principles: MVVM, MVP, MVI; with google clean architecture components: ViewModel, LiveData, RoomORM. Also have hands on experience with Realm database and huge experience with Firebase solutions(realtime database, firestore, storage). I have written variety of managers for Firebase and as result we had an incapsulated solution, covered with unit tests. I have a practical experience in Reactive approaches to development: RxJava, RxAndroid, RxKotlin, RxSwift. I have a solid knowledge in android lifecycle and even have written own architecture for big and complex screens, this approach can help us to decompose monster screens with a lot of UI logic to some compact component with incapsulated logic. Also have big practical experience with writing different variety of custom views(view groups and views), and reach huge profit from code re-using. I have a strong experience with client-server libraries: Retrofit, Volley and also I've written my http client, and have experience with network socket technologies. I have a deep diving knowledge about Retrofit e.g. writing custom adapters, custom parsers, big variety of different interceptors(e.g. login interceptor, network status interceptor and e.t.c.), also work with coroutines adapter and Kotlin coroutines, RxAdapters for retrofit. I always use dependency injection framework(Dagger2) or service locator(Koin) in my projects, and initialize objects easily. Also have a good experience in writing tests: unit tests with Junit framework and ui tests for android with Espresso library and Robolectric framework. I have hands on experience with security level of the application (signing, obfuscating code, database enctryption, handshake certificates and SSL connection).

Now I am working as a team lead in mobile team in our group. I control working of our team, help my teammates, and deal with the most challenges tasks. I have experience in working with big teams and small team, and can work even alone for project.

I have a good feedback from customers, team members and always meet the deadlines. Also I can be responsible for product goals and solutions, can make an explanation about any technical decisions. I am really excited when I learn something new in mobile development. Also ready to participate in mentoring programs, and sharing knowledge programs.

Contacts:

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Skill overview:

programming languages: kotlin, java, swift

mobile android: Android SDK, Android support library, Google play service libraries (map, billing, drive, gallery, analytics), Android clean architecture components(view models, livedata, room orm), application architecture(MVVP, MVP, MVI, MVC), request frameworks(retrofit, okhttp, volley, async-http), chat api(e.g. Zopim Chat API), image libraries(Glide, Picasso), firebase(authorization, realtime database, firestore, storage, analytics, crashlytic), media player(for audio and video) with media controller, app bundling

mobile ios: iOS SDK, UI Kit

kotlin: kotlin dsl, ui kotlin libraries (anko and analogues), kotlin in gradle files, kotlin coroutines

reactive approach: rx-java, rx-kotlin, rx-android, rx-swift

client-server technologies: REST, SOAP, Oauth

database: SQLite and ORMs (Room, GreenDAO, ORMLite), Realm, Object-Box

dependency injection: Dagger2, Koin(service locator)

version control: GIT, SVN

continuous integration: bitrise, jenkins

Experience:

Mobile Software Developer in 1&1 Mail & Media Applications SE, Munich, Germany
Munich April 2020 - Present (3,5 months)

Projects:

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GMX.de, WEB.de, mail.com, 1&1 mail
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> Mail application for different german and international brands. Has a lot of customers in Germany. People can use a big variety of mail functions.
>
> App Link: [GMX.de](#)

App Link: [WEB.de](WEB.de)

App Link: mail.com

App Link: 1&1 mail

Senior Mobile Engineer/Team Lead in iTechArt Group, Minsk
Minsk April 2018 - March 2020 (1 year and 11 months)

Projects:

`Tully`

It's a solution allowing recording artists and songwriters to play, write, and record song ideas all within one application. Artists can share their projects with their engineer before studio sessions, allowing instant access to the audio file, lyric sheet, and recording ideas. We use Kotlin and Java programming language. I have a hands on experience with firebase. I work with media player (for audio and video) and media controller.

App Link: Google Play

`House and land`

Australian project for aggregation houses and land from different company for creation matching. After the connection agents connect with customers and check details about order.

The solution most consists of backend and frontend. I worked for frontend, in particular, Android mobile application. We used architecture principles of MVVM and Clean Architecture Components. Also we used Koin library for dependency injection instead of standard Dagger2 library. For application navigation we used Cicerone library and it navigator-router principle.

App Link: Google Play

`Inner project`

Some inner projects with the newest technologies, and trying new libraries. I used Kotlin, MVVM architecture, Google Jetpack components. Used libraries for comfortable creating design without xml files (e.g. Anko). Also used Kotlin coroutines.

Source code: Github

Mid/Senior Mobile Engineer in System Technologies, Minsk
October 2015 - April 2018 (2 years and 6 months)

Projects:

`AlfaBank Mobile client v1.0 and v2.0`

> Mobile client for legal person (client-server app with rest service). App helps people to make payments (by server logic), setup application main screen with module architecture, set alternative login variant instead standard login/password enter. In app we use security level for database (encrypt database file), database migration, chat api client and bank agent. You can see a list of account (with balance), list of documents with functions (server methods) in application. We used Kotlin programming language, MVVM architecture, clean architecture components. Also we made a module hierarchy of the application, user can create own desktop when choose different modules for it. I worked with the security level of the application (signing, obfuscate code, SSL connection).
>
> V2: [Google Play](#)
>
> V1: [Google Play](#)

`Mobile client for legals (boxing version for different banks) - B-Mobile`

> Mobile client for legal person (client-server app with rest service). App helps people to make payments (by server logic), setup application main screen with module architecture, set alternative login variant instead standard login/password enter. In app we use security level for database (encrypt database file), database migration. Boxing version helps us to create default bank mobile clients with some function set (payments, documents, account) for different banks.
>
> IdeaBank: [Google Play](#)
>
> MMBank: [Google Play](#)
>
> VTBank: [Google Play](#)
>
> AltBank: [Google Play](#)

`PriorBank Mobile client for Individuals`

> Mobile client for individual person. You can see bank cards with balance (also salary bank card), transfer money from one card to other in application. In the app you also can make payments, see history of payments, map of terminals and banks.
>
> App link: [Google Play](#)

Junior/Mid Mobile Engineer in Omertex LLC, Minsk
February 2012 - August 2015 (3 years and 6 months)

Projects:

`Kidabra`

> Development of application for children and their parents. Program is mobile client for showing images, video and html-comics content for children. In app users make downloads of content for mobile device (smartphone, tablet) and watches it without the Internet. Enter in app is realized with social networks (Facebook, Twitter). Google Play Store (Billing SDK) is used for in-app purchases.
>
> App link: [Google Play](#)

`iSimple`

> App for showing of alco-beverages catalogue. Users can create an order and send it to a shop operator, then a seller connects with users for orders delivery. In this app we make tests for parsing big xml files with information about store list and save data in app and use some filters for chosen data.
>
> App link: [Google Play](#)

`Facilicom 24 Worker`

> Application for workers of the "Facilicom" company. Used for taking orders with a map (address) and date making. In you make photos of starting work and photos of finishing work, and pinned photos for orders (send to server).
>
> App link: [Google Play](#)

`Suitcase`

> Application for list of thing for a planned vacation. You can save a list of items to database and check it for nothing to forget for travel. This test app for learning of Android technologies, now does not exist in Google Play Store.
>
> App link: none

Education:

Belarusian state university of informatics and radioelectronics, 2008 - 2013
Diploma of Software Engineering.

Belarusian state university of informatics and radioelectronics, 2015 - 2016
Master of technical science.

Appendix:

- github: https://github.com/kchaik0
- linked-in: https://www.linkedin.com/in/kchaiko/