Mohammadali Rezaei

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Experience

Android developer, Self-employed ; Tehran – Jun 2018 - Present

- Involved in learning Kotlin programming language for Android in a few projects with components and libraries written in Java as well as some projects written fully in Kotlin.

- Worked with Android Architecture components include LiveData, ViewModel, Navigation, Room, WorkManager and Paging.

- Using RxJava, Retrofit and Architecture components for networking, background processing as well as caching.

- Involved in development of ExoPlayer library inside a bound Android Service and displaying Android Notification.

- Worked with displaying Contact list based on the designed ui wireframes which needed to parse contact provider items in a background thread.

- Tried out dependency injection in different projects using Dagger, Hilt and Koin in order to simplify unit testing.

- Implement android instrumentation test using Espresso as well as local unit test while using RxJava, Coroutines and Architecture components.

- Worked with the ui design components such as CoordinatorLayout, ConstraintLayout as well as MotionLayout.

Android developer, Kiliaro AB ; Stockholm – Sep 2021 - Dec 2021

- [Kiliaro](#) is a free, cross-platform and social photo gallery app. Kiliaro innovate private photo storing and sharing.

- Implement displaying of grouped notification by FCM push when a user receives a comment on a photo or an auto-shared photo.

- Take part in refactoring Kiliaro Architecture using Navigation architecture component, ViewModel, StateFlow and Jetpack compose.

- Take part in implementation of in-app update feature in a fragment.

Android developer, Dynamo Consulting AB; Stockholm – April 2015 - Aug 2016

- Implement front-end based on UI wireframes considering Material design includes custom views such as a custom ScrollView and ViewGroups.

- Implement android instrumentation tests that run on physical devices and emulators.

Android developer, TeliaSonera; Stockholm – Nov 2015 - May 2016

- Adding Google Analytics and Crashlytics in order to track different screens, events and network errors.

- Implementation of new wizard for Home network app to display proper error message for unsupported routers.

- Reimplementation of authentication mechanism to support Legacy with Digest authentication access as well as Homeware with SRP authentication protocol using abstract factory design pattern.

- Redevelop main functionalities in app such as Main and Guest WiFi, Restart and Reset router and change WiFi channel following abstraction object oriented concept.

Android developer, Rebtel Networks AB; Stockholm – Aug 2014 - Feb 2015

- [Rebtel](#) is a VoIP product company providing cheap international calling over data and PSTN and instant messaging services.

- Take part in completion of first call signup and login flow by implementing proper solution based on network connectivity type.

- Involved in displaying SMS for Android Kitkat and higher using ContentProvider and CursorLoader since only default SMS app is able to write sent messages to the SMS Provider.

- Involved in development of new Rebtel UI following material design and support for pre-Lollipop using AppCompat 21.

Android, Java developer, SpeedUp AB; Stockholm – Dec 2012 - Jul 2014

- SpeedUp is a product company providing an ERP solution in order to facilitate collection, storing, management and interpretation of data from business activities.

- Responsible for SpeedUp ERP on Android platform.

- Improve Sync service component in order to have less data usage.

- Implement a solution to have different features for different departments using abstract factory design pattern.

- Develop dynamic Conversion component in order to share data between different applications using ContentProvider.

- Involved in development of Form Generator feature which produces View components during run-time using factory design pattern.

iOS developer (Internship), Kumite Labs, Chalmers innovation; Göteborg – Sep 2012 - Nov 2012

- Kumite Labs presents DiggiCard as a discovery product which lets people know about unique stores and upcoming brands by showing their products and locations closest to them.

- Involved in development of iOS version of DiggiCard from scratch.

- Work with back-end using Parse platform (PaaS).

- Implement front-end based on UI wireframes.

- Android client for Timelog (a web based issue tracking system developed by GWT).

- Involved in development of Restful Web Service between Android client and database.

- Take advantage of Hibernate in the Web Service.

- Consider the latest Android UI guidelines.

- Included technologies: MySQL, Hibernate, REST, Jersey, Tomcat and Android.

Education

Linnaeus University, Växjö – Fall 2009 - Spring 2012

- Master Programme in Software Technology

Kish University, Iran – Fall 2003 - Spring 2008

- Bachelor degree in Software Technology

Skills

- Object oriented programming and solid principles.

- Android programming using Java and Kotlin.

- Local unit testing in Android using Mockito and MockK.

- Instrumentation and UI Testing using Espresso.

- Modular App Architecture and Kotlin Gradle DSL.

- Version control system (Git) using SourceTree.

- MVVM and clean architectural patterns.

- Architecture Components included in Jetpack libraries.

- Dependency injection using Dagger and tried out Hilt and Koin.

- Retrofit, RxJava, ExoPlayer and tried out Kotlin Coroutines.

- Crash report frameworks in real-time (Crashlytics).

- Firebase and GoogleAnalytics as Tracking user behavior platforms.

Languages

- English: Professional working proficiency.

- Swedish: Good in reading and elementary skills in writing and speaking.

- Persian: Native.