Mohammadali Rezaei

(+98)912-1895634 ali.rezaei09@gmail.com Tehran, Iran

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, Java developer (Master Thesis), Softwek AB; Växjö — Jan 2012 - May 2012

• 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.