

Feedback from our Compro Alumni and DE students currently employed as Android Developer

Saugat

Yes, I am currently working as an Android Developer. Talking about the job market here in US, I have seen good responses from the recruiter. For android developers it is a must to be up to date with the latest technologies as they tend to update very frequently. Also, we must be able to develop android application using Kotlin, MVVM, Retrofit, and Room Database. For any new commers in the US market, from my experience interviewer trend to ask the entire flow of the applications, like from knowledge of Manifest and gradle files, creation of applications, API requests, Saving data in local database, paginations, life cycles of Activity and Fragments, threading, services, and others. So, we need to have good knowledge in these topics.

To conclude, if you have developed few applications and understand the entire process of development using Kotlin or Java using the latest technologies you should have no issue when finding the job. We are approached by many recruiters so we can choose from the job we like. **Android developers have relatively less competition to find a job then a java or .net developer.**

Sujan Lama

Hello Professor,

My few points about the job market/demand in the US market for android developers are:

1. Job market for android developers is vast in the US market. I was getting lots of interviews. To tell about interviews, all my interviews were live coding to make a simple application such as fetching from JSON and showing it. But, mainly checking how you use architecture such as MVVM. So, to land a job, you need to be proficient in architecture.
2. Some companies also ask simple problem-solving questions like string manipulation and hash map problems. After you pass that round, you will go to the live coding round.

Many people use smartphones, so every big company targets them for business opportunities. So, they have their own android and iOS teams building native applications as it is more reliable, fast, and performant. So, demand for mobile application developers is through the roof in the current market.

These are my thoughts on the current job market trend for mobile application development.

Thank you so much, Professor

Best regards,

Sujan

Farruh Zokirjon

1. **Current job market** - from my experience, job market for android engineering position is really good and demanding. Nearly, all large and small companies hire android engineers for their software stack. While looking for a job, I used to receive calls from more than 10 good companies daily basis for android engineering position. It was a lot easier to find an android engineering position. Even now, I still receive hundreds of emails from good companies in monthly basis. **Minimum requirement** - 1) Familiarity with Android SDK fundamentals, most importantly activities / fragments, services, broadcast receivers and content providers. 2) Multi-thread management e.g callbacks, coroutines and etc. 3) Experience with one of architecture patterns such as MVP, MVVM, MVI. 4. Bonus: Architecture components, Rooms, View Models and Navigation component.

2. Recommended technologies: **Kotlin** is preferred language over Java. From my experience in Walmart and my current company Zume, all projects are initially developed in Java, however, they started being converted to Kotlin and all new projects are starting with Kotlin. From my experience in interviews with Facebook and Google, they prefer someone with Kotlin experience. Other known technologies which were used in Walmart and Zume when I worked in are Architecture components: Navigation component, Room, View Model, Live Data, Binding, RxJava, Coroutines, Google Assistant API and its integration with mobile devices and testing frameworks: Espresso, Mockito, Roboelectics and etc.

3. Kotlin is best choice. Most of the company's android projects are starting with Kotlin, and most importantly Kotlin is the first language in Android SDK as well, announced this year in Google I/O. Google started adding the new features only in Kotlin. Recently, in my current company we totally converted Java project into Kotlin because of Kotlin's advanced features.

4. Job **Resources**: I think LinkedIn would be more than enough.

Dam Hoang

1. Many positions for Android Developers at the moment. The minimum requirement is only basic android experience,
2. Android Studio, Kotlin is a bonus.
3. <https://developer.android.com/jetpack> it's maybe helpful. We begin to use it to replace the old structure Android.

Eman

For me the most important thing is to learn kotlin since I have good experience in Android, knowing the latest tech and library and the most used like room, retrofit and dagger.

So the interview questions is about the latest lib, MVP and MVVM and some algorithm

And the market has a lot of Android job, we got more interview than the java developer.