

Flipkart - SDE Mobile

Android: Flipkart's Android Retail app was the first eCommerce app in India to reach a 100 million downloads. This was done with an average rating of 4.4 with upwards of 4.6 million reviews. You would be working with the team that helps build this remarkable app and help it scale newer heights. Flipkart is looking for smart people who are passionate about writing code that works flawlessly for the most fragmented platform there is - Android, while making it super performant and ultra light. This requires us to continuously solve challenging unseen problems and build solutions that last.

Expectations:

- Strong Problem solving skills - Strong Coding Skills in Java on Android Platform **SDE 1**
- Understanding of the Android Platform to be able to use its constructs to build an App. - Knowledge of how to optimize and build for limited resource hardware and build a smooth experience

SDE 2 (on top of SDE 1)

- Deeper understanding of Android Concepts. Understanding of when to choose what constructs and why. - Implementation level details and understanding of commonly used constructs in Android. - Good code design skills (Low level design). Knowledge of well known app architectures for Android, their advantages and limitations.

General Questions from Candidates and their Responses:

1. What does the team work on?

Answer: The team works on the Android retail app. They work on and control the end to shopping experience for Flipkart. Majorly, the role entails writing a platform on Android in such a way that pretty much every experience becomes either a combination of defined components that can be remotely powered or a set of UI constructs that anybody in flipkart can come and write. On top of this, there would be modules/features that the team would like to build themselves like things which are very performance intensive or require significant problem solving.

2. Will I be only writing UI?

Answer: No. Like discussed above, the idea is not to keep doing the same things over and over again. The idea is to build a sustainable system where pages which would consist of components that can be created just by configurations and the App team helps build this platform of capability and widgets.

3. What does the Tech Stack look like for Flipkart Android App.

Answer: Pretty much everything that you would expect including Native Android development, React Native, our own Framework called Proteus and much more.

4. Will there be challenging work for me?

Answer : The world of App developers is currently building apps, while developers at Flipkart are building the platform and leaving it up to Flipkart to use it the way they want, while they invest their time building for the next billion people and next billion devices. They are working at making the app ultra light, extremely performant and super intuitive. None of which is an easy task. You can imagine the amount of importance that we give to performance from the fact that the app size for Flipkart has always been less than 10MB and the app startup time is the best amongst all ecommerce apps.