



Candidate

John Doe

JohnDoe@Gmail.Com

Position

Android Developer | Geektrust

Interviewer credentials

Senior Android Developer

Interview date

6th March 2023, 6:00 PM IST

Interviewer's decision

Yes

Total time spent

46 minutes

Round name

Android Developer | Geektrust

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Candidate rating legend



1 Core Android

Retrofit 8/10

Android basic components & architecture 8/10

Testing 9/10

Knowledge of JVM 6/10

Kotlin basics and advanced 7/10

Design, responsive UI 7/10

Release Engineering 10/10



Questions asked

Since this was a senior role.

Since this was a senior role.

I evaluated most of the skills using practical scenarios.

My Overall evaluation

Jitesh has a great understanding of different Android components and architecture. He is experienced in designing responsive UIs, optimising app performance, and working with different types of storage, such as Room, SQLite, Realm, and SharedPreferences. He also has experience working with different types of background tasks and services, and is familiar with reactive programming concepts like RxAndroid, Observables, and Schedulers.

Additionally, he has strong communication skills and demonstrated an ability to solve problems effectively. He also has a deep knowledge of the Java Virtual Machine and the Android Compose framework. The candidate is passionate about Android development and always looking to learn new skills to stay up-to-date with the latest trends and best practices in the field.

Overall, his performance in the interview shows that he has the right skillset and approach to excel in the role.

Scenario : 1

Build an App suite which has two main apps.

1. Music App
2. P2P Communication App

-> Music App

Login -> OTP

Search SD card/internal memory for music files

Create & save playlist

Play music in the background

-> Communication App

Login -> OTP

P2P messaging between 2 people.

Encrypted messaging.

Basic Questions covered are:

ANR resolution how? - Use Crashlytics, Playstore information, Internal tools for handling.

Explain a Null Pointer crash resolution?

Explain complete RecyclerView Holder, with code.



- Good knowledge of testing with practical examples of Unit & UI tests with some hand-holding
- Little or theoretical experience of testing with no practical exposure
- No knowledge of testing

Strengths

Involved in developing the testing framework.

Test suite is run when every branch is merged.

He has decent experience in working with Mockito test framework.

He has fairly good experience of using testing frameworks,

Areas of improvement

Not anything notable.

Release Engineering (10/10)

- Strong knowledge of CI/CD, app testing & distribution with great practical exposure
- Good knowledge of CI/CD, app testing & distribution with good practical exposure after some hand-holding
- Little or theoretical knowledge of CI/CD with no practical exposure
- No knowledge of how to release the app

Strengths

Is the sole developer involved with app release in the current company.

Responsible for feature review and merging sign off for each branch.

Each branch has its own UI test and test framework.

Beta build is created and sent to QA.

Merged to master and QA test it.

Then the bundle - aab file is created and released to Playstore.

If issues occur, based on the severity a call is taken if the build is needed to be halted and a hot fix released.

Areas of improvement

Nothing which is note worthy.

Knowledge of JVM (6/10)

- Strong knowledge of JVM, Dalvik, ART, odex files etc. with great practical exposure
- Good knowledge of JVM, Dalvik, ART, odex files etc. with good practical exposure after some hand-holding
- Little or theoretical knowledge of JVM with no practical exposure
- No knowledge of JVM