**Appium interview questions**

1. Which **Appium version** are you using?  **2.5.4**
2. What are the pre-requisites for Appium?
3. **Operating system**: A computer with macOS, Linux, or Windows.
4. **Node.js**: Version : V 22 .11.00
5. **npm**: Version = 10.9
6. **Java**: V 17.0.10
7. **Appium server**: V 2.5.4
8. **Appium Inspector** : 2024.3.1
9. **Android SDK**: Download and install the Android Software Development Kit  2024.2.1
10. **Eclipse**: Install Eclipse.
11. **Java-client jars and Selenium jars**: 8.6.0
12. **APK**: Mobile applications for automation
13. **Mobile devices**: You'll need a real iOS device or a simulator
14. **USB driver**: A USB driver for your mobile devices
15. **TestNG**: 7.9.0
16. Which is the current android and iOS version?

|  |  |
| --- | --- |
| **Android 15** | **iOS 18.2** |
| September 3, 2024 | May 20, 2024 |

1. Difference between Appium 1 & 2?
2. Explain Appium architecture.
3. Can you use same framework for both android and ios? YES
4. Can you use AppiumBy for both android as well as ios? YES
5. Name the desired capabilities you have used.
6. How to perform network testing for mobile?
7. How to perform mobile testing different on devices?
8. On which platforms have you worked on mobile testing?
9. Appium command to launch server.
10. How do you install .apk and where you will install.
11. Is it manadatory to use UDID in DesiredCapabilities?
12. Snippet for ScrollTill the Element.
13. Explain your Appium Framework.
14. How do you configure drivers in Appium.

npm install -g Appium

**Install Drivers**

* Open Appium Desktop or use Appium CLI.
* Navigate to the **Drivers** tab (in Appium Desktop).
* Install the required drivers:
  + **UiAutomator2** for Android.

> appium driver install uiautomator2

Listing available drivers

- uiautomator2@3.9.0 [installed (npm)]

- xcuitest [not installed]

- mac2 [not installed]

- espresso [not installed]

- safari [not installed]

- gecko [not installed]

- chromium [not installed]

1. Is there any changes in your application(an extra action required for some actions) when using is mobile and when using in web
2. The native app asks permission, how you will handle it?
3. Swipe to a particular location. explain the snippet.
4. How Appium inspector connected with the Appium server?
5. Driver used for both Android and iOS?
6. Once you connect with the Bluetooth, to enter the pin to connect with Bluetooth. How you will handle it?
7. How to handle the advertisement coming while using the app? if the advertisement page is not inspectable?
8. Launching an application.
9. Switch between applications.
10. Challenges faced in Appium
11. New command timeout in Appium.
12. What is Appium inspector?
13. Is appPackage&appActivity is necessery to launch an Application?
14. Explain architecture of Appium & where do we use npm?
15. What Is Mobile Application Testing and How Is It Different from web Testing?
16. Difference between simulator & emulator.
17. What kind of Bugs found during Mobile Testing?
18. Cons of Appium?
19. What Would You Prefer to Test Your Application On – Real Devices or Use Simulators/Emulators?
20. What are the Probable Errors You Might Come Across While Working with Appium?
21. Driver methods for call & sending Message
22. In which form you get the build for Android and iOS platforms?
23. How to perform network testing through Automation?How to change battery level adb?
24. What is signed apk?
25. How do you identify that it is a hybrid application?
26. How will you Locate an element for mobile testing?
27. What is mobile depth.
28. What is adb?
29. What is BrowserStack and How to Automate Mobile App Using BrowserStack?
30. Explain different ways to install app.
31. What were you doing when the button is not working in the mobile application?
32. How u used to get the logs for an app.
33. What type of testing you will do for mobile testing
34. If you are running parallel execution, how will we come to know which port is free? & how will you assign the waiting script to that particular port.
35. What are the features of Appium?
36. Mention the advantages and disadvantages of Appium
37. Do you need a server machine to run tests on Appium?
38. What types of tests are suitable for Appium?
39. What are the major advantages of using Appium on Sauce Labs rather than using Appium locally?
40. Explain the general responsibilities of a mobile application testing framework. Also explain the general structure of a mobile application testing framework.
41. List out the prerequisites required to run tests on an android application in Appium locally.
42. Explain Appium Session in the context of Appium
43. Can a tester run tests in a multi-threaded environment while using Appium?
44. Is it possible to use JavaScript to interact with applications while running Appium tests?
45. What do you mean by Appium Package master? How would you create a package?
46. Explain how Appium works.
47. Differentiate between Appium and Selendroid.
48. Differentiate between Appium and Robotium.
49. Differentiate between open source tools, vendor tools and in house tools.
50. Differentiate between Appium and Calabash.
51. Differentiate between Appium and Selenium.
52. Do you think that automation testing can be a complete replacement for manual software testing?
53. What are the tools used in Appium for debugging?
54. Diff b/w native and hybrid app
55. Hybrid app 🡪 payment opt 🡪 payment (opens new browser). How will you handle it
56. The return type of getContextHandle is set. Why is it not list?
57. Testing your appln. , how will you rotate (landscape, portrait)
58. You have created a code for android will it work for ios?
59. How to test internet speed.
60. How will u Navigate hybrid to native app.
61. Drag and drop.
62. Login 🡪 checkout page 🡪 payment. Skip other steps and directly navigate to payment page.
63. Can we run android and ios devices parallely? how u can run explain?
64. Have you worked on xcode.
65. Explain the driver methods of Appium.

**Pine labs L1**

1.Introduction

2.String s1="selenium";

String s2="ium";

Find s2 present in s1

Use one for loop or 1 while loop

Without using indexOf, contains.

Create one method: public boolean compare(String s1, String s2)

{

}

3.String s= "maven is build tool"

Find unique character don't use more than one for loop.

In autosuggestion drop down names of states there,if you want to enter 'karnataka' you have to remove last two character after entering 'karnataka'. How will you do it? Don't use robot class.

In a class @BS @AS @BC @AC @BM @AM @Test, @Test, @Test, @Test

all of them having 1 sysout statement

How many times sysout will get executed?

4. Occurance character,

5. Swap of two strings without using third variable,

6. Find element and find elements, if there are multiple matches how to get first matching element, sprint duration,

7. Roles and responsibilities,

8. Search text field and all dropdown test scenarios, and negative scenarios,

9. If u got story before release of one day what will be your approach, any 10.challenges u faced in your recent proj?

11.Final keyword

12.Difference between == and =

13. One xpath to locate

Appzlogic

Introduction?

Diff b/w unit testing and api?

Can u write a qurrey parameter?

Status codes?

**Sorting an array**

**Collections frame work?**

[12/12, 5:09 PM] Kalpana mam TY: Appzlogic round 1

1)Self intro

2)Framework explanation

3)Explain your contribution on automation process

4)5 high priority and high severity issues

6) Agile ceremonies

**7)Gave a long sentence and asked for order of occurrence of each word character and a number**

Appzlogic

Self intro

Frame work

Project explanation

**Polo class**

**Oops principles**

TestNG

Screenshot script

JSON parsing

Rest assured script

**Collections**

**Maps**

 Appzlogic

1.Introduce about your self

2.Explain framework in your project

3.Selenium rc

4.Senerity framework

5.Json path parsing

6.Program for put in rest assured

**7.Java program**

**Input 1: "this is the school"**

**Input 2: "the"**

**Input 3:  "a"**

**Output : "this is a school"**

**Note : No builtin methods**

**Output :**

AppsLogic L1

**1) Program to check on unique combinations of ABC xyz keep any part of the string as constant**

**Output-> abc xyz, abc xyz , abc xyz**

2) Difference b/w saranity framework and testng framework

3) How much do you rate yourself, in aspect of that you have covered in project? In percentage

4) Introduction

5) what difficulties you have faced in suite?

6) challenges faced in your project?

7) What is json path parsing?

8) Explain dom.xmlnode?

 Appzlogic

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Tell me brief introduction about you

tell me he flow of functioanl , integration and regression in your project

explain about your project

when you do regression testing

tell me the flow of sanity testing

write test cases on ATM machine

have you involved in tracability matrix

how you raise a bug

tell me some scenarios of your project

when you do smoke testing

difference between delete and truncate

how to prioritise the defect

what are the challanges you faced

tell me the work flow of each module

when getting requirement what is your approach

explain test plan

explain stlc in your  project.

 Appzlogic

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Maps

Java Automation Engineer (SDET)  
  
JD:

Required Qualifications

* **6+ years of experience** in automation testing, particularly using **Java**.
* Strong experience with **Selenium WebDriver** and test automation frameworks like **JUnit**, **TestNG**, and **Cucumber**.
* Proficiency in **Java programming** for designing and implementing test scripts.
* Hands-on experience with CI/CD tools such as **Jenkins**, **GitLab CI**, or **CircleCI**.
* Familiarity with source control systems like **Git** or **Bitbucket**.
* Knowledge of **REST API testing** using tools like **REST Assured**, **Postman**, or other API testing frameworks.
* Solid understanding of **OOP principles** and the ability to write modular, maintainable code.
* Experience with testing and defect management tools such as **JIRA**, **TestRail**, or **HP ALM**.
* Excellent problem-solving and analytical skills with a keen attention to detail.
* Good communication and collaboration skills, with the ability to work in an Agile/Scrum environment.

**Good to Have:**  
1. Good knowledge in Python.

2. Good knowledge in Appium.