

Interview Analytics

Punam More

Selenium Tester

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Overall Interview Score : 6/10

Technical Score

(Excluding Coding)

: 6/10

Selenium Tester

3.25

3

3

3.5

3

Selenium Integration with Testing Frameworks

Basic Concepts and Fundamentals of Selenium

Best Practices and Debugging

Advanced Selenium Features

Selenium Grid and Cross-browser Testing

Scorecard Metrics

QuestionAnswered : 14

CodingScore : 0

TechnicatScore 64

Timetaken : 17

OverallScore 64

Question Metrics

QuestionAsked : 18

QuestionSkipped 0

CodingouestionAttended 0

CodingQuestionSk+pped : 0

Overview

StatusCOMPLETED

Time Taken00:38:52 hours

ProficiencyLEVELING\_UP

Interview Insights

4

Attention To Detail

4

Self—Starter And Proactive

3.5

Conflict Resolution

3.5

Active Listening

Technical Insights

5

Testing

4

Continuous Integration

4

Agile Scrum

3

Crossfunctional Collaboration

Fraudulent Interviews Insights

No—Fraud

Fraud

facevalidation

Looking Out of Screen

Switching Tabs

Experimental Insights (Beta Version)

External Device Detected

Cognitive & Social Insights (Beta)

The trooger exhibits a solid foundation of self-understanding and a capacity for emotional intelligence, alongside a noticeable drive for achievement. While demonstrating a good understanding of others' perspectives, further development of self-regulation could enhance their effectiveness. Leveraging their existing motivation will be key to continued growth and success within the organization.

Interview Feedback

The trooger recognizes that the candidate's communication and presentation are clear and mostly correct, especially in explaining the purpose of Selenium WebDriver and its integration with various tools.

The trooger notes that the clarity and structure of the candidate's explanation could be improved, as some responses are fragmented and lack coherent detail.

The trooger appreciates the candidate's use of real-world examples, such as in the healthcare project, which demonstrates an understanding of the Robot class and its application.

The trooger suggests that the candidate should improve the accuracy of information by avoiding minor imprecisions and repetition, even though these do not detract significantly from the overall depth.

The trooger observes that while the candidate shows a basic understanding of self—healing automation tests, the depth of explanation could be enhanced with specific implementation details

Questions

Category: Self Introduction

Difficulty Level: N/A

ExternalA idSuspected

Can you walk us through your professional journey, highlighting key projects, honed skills, and pivotal experiences that have shaped your career\* What motivates and excites you the most in this field\*

So, I have like around 3.8 years of experience in the software testing field, like specialized in both manual and Automation Testing. I began my career as a manual QA, where I developed a strong understanding of the software development life cycle and software testing life cycle. I was responsible for creating test cases, executing them, performing regression testing, and logging defects. Over time, I myself in automation testing, particularly using the Selenium WebDriver with Java test engineer and frameworks like page object model. One of my key projects was in the electronic medication administration record client employee orders medication schedule, believe and inpatient app in patient modules. Those modules required thorough functional and UI testing due to the regulatory requirements and sensitive data. I also created an automation framework and implemented data-driven testing using the excellent Apache in this project. I will turn for regression and integrated extend reports for rich test report. I have worked in Agile terms, teams participating daily standard sprint planning, and retrospective, and used Jira for test management and DevOps also for test management test cases and defect tracking. I am also familiar with Git for version control, and I have used Jenkins for triggering builds and automation scripts as a part of CICD. So, what truly motivates me is solving real-world problems by ensuring software quality. I enjoy writing efficient automation scripts and finding critical defects early in the life cycle. The continuous learning involved in tools, frameworks, and domain knowledge keeps me engaged. I feel most excited when I see my testing efforts directly contribute to a smoother and more reliable user experience in sensitive domains like healthcare.

Answer Match N/A

Proficiency N/A

Duration 03 20

How can you integrate Selenium tests with CI/CD pipelines\* Provide a detailed example of setting up Selenium tests in Jenkins.

Ok, so integrating Selenium test cases with CI/CD using Jenkins is crucial, so let me go through with the step-by-step process. So we have some preface for it, like first we should have Java installed, and then Jenkins servers may one should be installs, repository with our Selenium, the Jenkins installed and running plugins like Git plugin, integration plugin, and test result plugin, the HTML publishers plugin for extent reports. So first step is to like push our code, Selenium code to Git, so XML format depend, testng.xml, define test suite source code in source like slash test slash Java, then reporting logic in like extent or test entity fault reports, and create a new job. So we have one option there, click on new item, then enter the job's like a job name, select freestyle project and click on OK. Then configure our source code management. Under the source code management, we have to select the Git. We have to URL for Git. We have to add conditions, then build triggers like check post SCM or check up build when changes the post to GitHub, then configure build, like Maven command under build our build steps in a top-level one targets then publish test reports for test engineer course, and after that save and build the project. Then, yeah, that's the thing for.

Answer

atch 40%

Proficiency N/A

Duration 02:55

Can you explain how to configure a Jenkins job to run Selenium tests automatically on code changes?

Can you explain how to configure a Jenkins job to run Selenium tests automatically on code changes\* So, automatically triggering Selenium test execution when code is supposed to get reported. So we have to set up the request, then create a job. We have to create jobs, then connect it to the under the source code management. Then we have to select Git and Git repository URL. Then set up will trigger, like 'Poll SCM' or GitHub. The first option is 'Poll SCM', like to check for changes at intervals under build triggers. SCM Centre schedules like, for example, we check every 5 minutes. Then option two is GitHub, so we can check build when a change is posted to GitHub. Then configure Maven build for Selenium plus extent report. So go to the build and all step to invoke the top-level Maven targets, then make sure our POM of XML contains dependencies for Selenium and testing. Publish test results under actions. Save and test the setup. When you push the code changes to your Git repository, Jenkins should...

Answer

Match 60%u

Proficiency N/A

Duration 02.24

Describe how to use Selenium for testing progressive web applications (PWAs). Provide a detailed example of handling service workers and offline scenarios.

How to use Selenium for testing progressive web application. Detail example so testing progressive web applications in which Selenium involves validating behavior plus special capabilities you need to PWAs, such as offline mode, service workers, web manifest, push notification, installation prompt. While Selenium does not directly control service workers, you can tell you that we can use Liberation protocol to simulate offline condition and inspect service worker registrations. Example, we use Java plus Selenium plus CDP, so load the PWA, confirm service worker registration, enable the offline mode via CDP, reload the page and validate fallback offline UI. That what code does is to, like, load the URL, verify if the service worker is registered, switch the browser to the offline mode, reload the PWA, and check for a custom offline message.

Answer

Match 60S

Proficiency N/A

Duration 0J:59

What is Selenium WebDriver\* Describe how you have used it in a project to automate web application testing.

What is Selenium WebDriver\* So Selenium WebDriver is an open-source automation tool that provides a programming interface to interact with web elements of a web application just like a real browser, like a real user would. It supports multiple browsers like Chrome, Firefox, Edge, and allows you to write test cases in various languages like Java, Python, C Sharp, Ruby. Key features of Selenium WebDriver are it interacts directly with the browsers and supports multiple programming languages, allowing testing across different browsers and operating systems. It supports integration with frameworks like TestNG and Cucumber, can be integrated with tools like Maven, Jenkins, Git, or CI/CD. How I used WebDriver in automated testing is like entering source and destination, clicking search, validating train list displayed, capturing dynamic table data, checking for empty or invalid input, screenshot capturing for field test cases. I have used components like Page Object Model to

separate locators and actions for each page to improve the maintainability. TestNG for test execution, test management for prioritization, grouping, and for parallel execution, then Maven for dependency management and running tests via command line, extend data provider to perform the data-driven testing for multiple source-destination combinations, extent reports to generate structured HTML reports after the test executions. So, and we use like some actions like open browser, navigate to website, find elements, send input, click button till the element visible, handle tables list, validate results, capture screenshots. Benefits are like it reduces the manual regression time from early defect detection in test environment, integrated with Jenkins to trigger the test after each code commit.

Answer Match 80Pu Proficiency N/A Duration 03 31

Category: Basic Concepts and Fundamen.... Difficulty Level: Medium



What is the use of the Robot class in Selenium\* Share a project scenario where you had to use the Robot class.

What is the use of the Robot class in Selenium\* The Robot class in Java is a part of the Java AWT package. It is used to simulate keyboard and mouse events. Selenium WebDriver does not directly support handling file uploads or downloads on Windows, interacting with open dialogues, authentication popups, or keyboard shortcuts So, yeah, that's it I don't have that much information about it

Answer Match 40'%» ProGciency N/A Duration 01:15

Category: Basic Concepts and Fundamen.... Difficulty Level: Medium



Can you explain a scenario where you might use the Robot class in a Selenium project?

Can you explain a scenario where you might use the Robot class in a Selenium project? What is the use of the? So we use the Robot class in the situation where Selenium alone cannot interact with the OS level UI elements. It is particularly useful for automating like file upload or download using system dialogues, keyboard operations during test, stimulating user input outside the browser context. In my healthcare project, where downloading a patient's in OS report as a PDF, I use it. So like clicking the download button opens a native file download dialogue, which Selenium cannot handle because it operates only within the browser DOM.

Answer Match 80S Proficiency y N/A Duration 01 23

Category: Basic Concepts and Fundamen....



Explain the concept of self-healing automation tests in Selenium. How did you implement this in a complex project scenario?

Explain the concept of self-healing automation test in Selenium. How did you implement this in a complex project scenario? Self-healing automation refers to the ability of an automation test to automatically recover from minor changes in the application, like changes in the ID, class, etc., without human interactions. So, how it works is, like, it stores multiple locator strategies for an element, like, for example, ID, XPath, or CSS name. If the primary locators fail, it tries the next best match using the optional locators on the locator issue, and it suggests or applies the update.

Answer Match 60S Proficiency N/A Duration 01:30

Category: Best Practices and Debuggin .. Difficulty Level: Medium

ExternalAidsuspected



What are the challenges in testing single—page applications (SPAs) with Selenium\* Describe howyou addressed these challenges.

What are the challenges in testing single-page applications with Selenium? Testing single-page applications using Selenium WebDriver can be quite challenging due to the dynamic behavior of modern web apps. So, like, we have to load dynamic URLs without full page reloads. Elements, like DOM elements, are frequently updated, previously located, and may become stale, like still element reference exception. Like, page load events for navigation don't work the same way since the page doesn't reload. JavaScript-heavy components, complex components like peak of sinus state management, and caching weight issues like fixed weight, unreliable SAP needs, dynamic waits using WebDriver with proper conditions.

Answer Match 607'< Proficiency N/A Duration 01:41

Category: Best Practices and Debuggin

Difficulty Level: Hard

ExternalA idsusp ected



How do you handle browser crashes or unexpected shutdowns during Selenium tests? Share an example of your approach.

How do you handle browser crashes or unexpected shutdown during Selenium tests? So, handle browser crashes or unexpected shutdown during the Selenium test is important to ensure the test's reliability and to prevent the false negatives. How I handle the browser crashes is like because of heavy memory usage on handle alerts or popups, browser driver incompatibility, actions under becoming UNCID CID issues. So how I handle it, like I use a test listener in test analyzer to automatically rerun the failed tests due to the browser or driver crashes, and I use try-catch and custom exception handling. The test's logic is in try-catch to handle the WebDriver execution session not found exceptions, and to restart the browser and renew WebDriver if crash is detected, gracefully shut down and reinitialize the browser. Use a headless mode in CI to reproduce the crashes, then log and report failures gracefully, use extent reports to capture the browser crash evidence, like take screenshots. So, in real-time project in my schedule module automation, there were situations and calendars would occasionally cause the browser to hang on a crash. Implement try logic and use a headless mode in Jenkins and created utility to restart the driver when session not found exception was encountered. This stabilized the suite significantly and improved the success rate of nightly runs.

Answer Match 60%< Proficiency W/A Duration 02:45

Category: Selenium Grid and Cross-browser ..... Difficulty Level: Easy



Can you describe the purpose of capabilities in Selenium Grid? How did you use them to specify browser configurations in a project?

Can you describe the purpose of capabilities in Selenium Grid? So, capability in Selenium Grid, it allows you to define the browser version and a platform to target for the testing execution. Last, in my last project, I use them to run automation tests across a Chrome and Firefox browser on both Windows and LINUX environments. Migrated browser specific using Chrome option, pass them to the remote driver, and integrated it with Selenium Grid for distributed parallel testing. This helps to ensure better take care across the environment.

Answer Match 80% Proficiency N/A Duration 01:25

Category: Selenium Grid and Cross-browser ..... Difficulty Level: Medium

External ID suspected



What methods do you use to debug and resolve issues in Selenium Grid? Describe a complex issue you resolved.

What methods do you use to debug and resolutions in Selenium Grid? So, a general method used to debug a Selenium Grid issue is to, like, check the hub and node logs. So, hub logs show whether the test was received and routed to a node, shows if the browser session started, or if there was a mismatch in capabilities. Then, verify node registration and validate capabilities, port and troubleshooting, network troubleshooting, the browser driver complexity. Use standalone mode for isolation. So, in my project, we had Jenkins pipeline triggering Selenium test on Selenium Grid running inside a Docker container. The Chrome browser wasn't launching on a Linux node, so I used Jenkins logs to confirm the Chrome was installed, but the node was running in headless Linux and Chrome was trying to run in GUI mode. Updated the capabilities to include the headless mode. To debug the Selenium Grid issue, I checked node logs, validated capabilities, verifying node registration to ensure network connectivity. In one case, a test failed due to the browser trying to launch in GUI mode inside a headless container, so I resolved it by enabling headless mode in Chrome options and updating the container setup. This allowed our Jenkins pipeline to run Selenium test reliably across the grid.

Answer Match 60%< Proficiency N/A Duration 02:28

Category: Selenium Integration with TestNG ..... Difficulty Level: Easy

External ID suspected



Discuss the use of the data provider in TestNG. Provide an example of a data-driven test in Selenium using @DataProvider.

Discuss the use of the data provider in TestNG. Provide an example. So, data provider in TestNG, like it is an annotation, like at the rate data provider annotation, is used to pass multiple sets of test data to a single test method. This enables data-driven testing where the same test logic can be executed with different inputs. Why we use it, like why we use a data provider, to test multiple scenarios without writing the, this method helps in validation, positive and negative cases using a different database in 18 hours, the reusability and mental ability of test cases. So, so in my project, I use a distinguish at their data provider to implement the data-driven testing. For example, automated the login functionality of OrangeHealthcare project by passing multiple sets of credentials for the same test method. This allowed me to cover positive, negative, and boundary cases without duplicating the code.

Answer Match 80% Proficiency N/A Duration 01:50



Explain the concept of custom listeners in TestNG. Provide a detailed example with Selenium tests using custom listeners.

Explain the concept of so there are different listeners so that in a test engineer, I used to it used to track the different behaviours of tests. Like a custom listener allows you to perform custom actions for like logging, short ascending reports based on the success, success, failure, or test skips. Implemented by implementing TestNG listener for suite label. Common use of this custom listener is like to take screenshots on test Lotus start and end, send email notification, generate custom reports. So in my last project, I created a custom list automatically captures screenshots on text field your and logo test status in the concern. I use the IT context to share the driver response with the listeners, please help me a help with dirty bugging and reporting test failures more efficient.

Answer Match 60a

Proficiency N/A

Duration 01:56

Explain the process of implementing a CI/CD pipeline with TestNG and Selenium. Provide a detailed project scenario example.

Explain the process of, ok, so to implement CI/CD with TestNG, with so, like we have tools like Selenium WebDriver, Destiny, Maven, Jenkins, Git, and Extent Reports. Developer post code to the GitHub and GitLab on Jenkins pulls the latest code using a web hook or pulling builds the triggered using Maven clean test executed. Test reports are Jenkins marks the build as a successful or failure, and email notification or deployment to the all the stage show me to script, TestNG script, script like send username, password, like write some code for letters login, then configure dependencies in pom.xml, great testng.xml file, then push code to git, configure the Jenkins jobs, then run the Jenkins of reports generated. So, in my last project pipeline using Jenkins, we wrote the selenium test with the test manage the dependencies using Maven. Every time the developer push, push to the top, get lap jobs would automatically trigger and automatic the game thinking jobs would automatically trigger, pull the latest code, and run the test suits. The job also generated reports and notified the team email if any test failed. Please help us to maintain fast feedback cycles and feedback cycle and ensures every release met standards.

Answer Match 60%

Proficiency N/A

Duration 02:43

How would you approach resolving conflicts between team members who have different perspectives or priorities?

How would you approach resolving conflicts between team members who have different perspectives for priorities? So when we have conflicts about the priorities, I would first speak individually and take first understood the road cost. Speak individually and privately with each team member to perspective and was important to them. Should a neutral not taking side but focusing on the issues, not personalities, and I will check. I will come and I will take a call. Safe and specs environment ground rules: no interruption, stay constructive, and focus on the solution. Each person few points clearly, I will find the common identify the common body Mein bus care about, like for example delivering quality work, meeting deadlines, customer satisfaction. I will encourage I will increase them. I would ask questions respect both your concerns. Is there any way to merge this ideas or take a pushed approach so try to goal is to be collaborative, not to be in the define and accountability was the resolution is agreed upon. Who will do that by when? How will you measure the success? Document is it necessary the future Mein understanding and I will take the follow up on that so in my project a developer wanted to push a new UI component urgently while you were flat major usability issues accessibility discussion where explain the user impact and the developer shared the delivery timeline precious they agreed to release a basic version and planned a patch within a week this comparison compromise a computer and quality in cheque.

Answer Match 40%

Proficiency 40%

Duration 03:00

Imagine a situation where you witnessed a conflict within the team. How would you address it, and what steps would you take to reach a resolution?

In any one of my previous projects, I encountered a situation where a conflict arose between a developer and a QA team member. The developer felt the QA was raising too many bugs close to the release deadline. While those issues were critical and needed to be fixed, the tension started to affect the communication and team morale. So, I addressed it by identifying the conflict. I noticed it during daily standups and passive-aggressive comments during team discussions. I privately approached both individuals to understand their perspectives. I listened to both; I listened to the QA's concerns about the severity of bugs and understood the developer's frustration regarding time constraints and pressure from the release.

Then, I arranged a joint meeting with both team members, where I acted as a neutral facilitator, creating a calm environment where both sides could explain their views and responsibilities. I reminded them that we all shared the same goal: delivering a quality product on time. Collaboration was more productive than blame. Together, we assessed the bugs and prioritized them based on severity. We agreed to fix the high-impact issues before the release and scheduled the less critical ones for the next sprint. I summarized the agreed steps, kept track of progress, and checked in with both parties later to ensure the issue was fully resolved and team dynamics had improved. So, the project was released, the bugs were fixed, and communication between the two team members improved significantly. One introduced a practice of appreciation as a new practice to avoid such a situation in the future.

Answer Match 60S   Proficiency 60S   Duration 02:58