

## 1. Tell me about yourself?

First of all, I would like to thank you for giving me this opportunity and I really appreciate for your time. My name is Alper

Aslan but mostly known as Albert.

- I have been in IT industry for more than 6 years and I am currently an SDET on my team.
- After working in different types of industry;
  - I have gained domain knowledge in the communication, Education and Financial industries.
  - So, I have a strong understanding of SDLC, and I am familiar with both Waterfall and Agile environment
  - I am highly proficient in various testing types, including like; functional, regression and smoke testing.
- I started off as a manual tester and eventually became proficient in automation testing
  - I develop Automation framework from scratch. I have successfully designed and developed many “many” tests scripts by using Data driven, Behavior driven and Hybrid Frameworks.
  - I am good at core java, Selenium webdriver, Maven, Cucumber, JUnit, TestNG, Jenkins and many more tools for test automation. Mostly I prefer opensource tools.
  - I have used
    - GITHUB for version control, (in current company we use SVN for version control)
    - JENKINS for continuous integration/deployment,
    - JIRA for project management and bug tracking

## 2- Can you describe your daily activity?

My daily activities at work, Mostly, I go to work early in the morning and check result report of Smoke test to make sure

that environment is up and running and the application is stable or not for the day.

- If something goes wrong, I will send out an email to my team so they can take care of it asap before everyone comes to

work, to reach maximum productivity.

- And then I check my email if there are any important tasks or notices, also check my schedule if there are any meetings

for the day and also check Jira to review what needs to be done that day in which priority.

- Then I go to attend daily standup meeting with my scrum team to talk about what I did yesterday, what we will do today

and are there any impediments in my way. This meeting takes about 15 minutes.

- After that, I go back to my desk and start automating test cases from regression suits. And also, I automate test cases

from sprint backlog after doing manually if it is passed. We are end of our sprint and we are finishing our automating, test

execution, reporting, preparing for and conducting Sprint Demo

- Also, once a week, we have Code Review meetings, to review the code. this is really helpful
- Most fulfilling for me, is my mentoring sessions with junior testers or developers in which i train them on automation and

sometimes non-technical skills. we do this as a brown bag lunch, and it really helps us increase our overall productivity,

saving the company resources and money but also, gives us the valuable opportunity to get to know our coworkers and at

the end of the day, the most important thing to me in my opinion, is the people I work with.

## 1. Where do you see yourself 5 years from now?

I want to learn as much as possible to be more technical. I would like to move to Mobile Development. I want to be a professional Mobile Developer.

- I want to be technically very competitive person 5 years from now.

## 1. Describe a challenge you faced during your last project?

### DO NOT CRITISIZE ANYONE, ANY COMPANY!..

I think, one of the biggest challenges that I faced with in my current project is that...

- o ... we had a new developer. He is young and but very smart kid. Every time I found a bug, it made the developer

nervous and he disagreed to accept it and most of the time I had to calm him down and sometimes we had to ask BA

for clarification

- o Then I realize the requirement itself was not specific enough, so I understood it differently than the developer

- o In the Sprint Retro, I said we should spend more time on requirement clarification because you know that is the key

to the project success. We did so and this issue was solved.

- This is not very common in many companies but in our company, we have platinum package user clients. They have the

right to ask a new report or correction on a feature from day to night or vice versa. Sometimes I got a call at 11pm that

there is a feature or report that needs to be tested. So, I had to work many times till 2-3 also 4 am to test those changes or

features. (if needed give an example)

- Work on result more. I think, the most important problem is misunderstanding and the lack of communication in the

business life. If we come together as a group and discuss it, there is nothing we cannot solve. I'm really grateful and blessed

to have been in the team that I was in, because we were able to collaborate and come together to solve the problem.

- And technical challenge I have faced is locating dynamic elements by retrieving the right HTML code from the web pages.

Id's were problem; sometimes it appears on the page, while sometimes it just disappears. Then I had to put either implicit

or explicit wait to locate them.

7

NON-TECHNICAL Challenges:

A. What to do in case of you have too much work and you cannot finish for the deadline?

- When developers don't deploy their code on time, our tester team don't have enough time for completion. And the upper

management keeps asking for us for completion. - Some of my team members simply focuses on task completion and not

on the test coverage and quality of work. - So, at the Sprint Grooming Meeting, I suggested that we should work very

closely with the developer and make sure that we are communicating on daily base. - And also, the developers prioritize

the important tasks and work on them first. Any scenarios left, would be pushed to the next sprint since it is not as

important as the other ones. - Lastly, I try to prioritize my work and follow my test lead and manager whatever they see is more important I start with that.

- One of my recent challenge is that another coworker who is also QA had to leave from company for personal reason, probably he had to go to back to his country for some visa issue, and I had to take care of his task with my own since there were only two automation guy, me and Jason. - And the production date cannot be delayed. - So, I took responsibility, I started to make a new plan and communicated with my SM that would try my best, but I need some help to reach the production goal on time. As always, communication is key to understand each other to the better team work. - And also, developers joined to test application as well. At the end, we made it on time. - That is one of the reasons I am proud of to be a member of the scrum team. Everybody works for same goal and share the responsibility.
- I don't really have technical challenges because I consider any issue that is technical to be a part of my job. There will always be some challenge to overcome and I ALWAYS overcome and learn. what is really challenging, in my opinion, and not always so easy to fix is: PEOPLE. again, we work 40+ hours with the same people in high stress, fast paced environments. - often-times, they are from different cultures, countries, backgrounds, etc. which can make communication extremely difficult - naturally, conflicts corrupt, and I've had extensive experience in observing, and eventually learning to prevent and solve such conflicts. - how do I do this? - by paying attention, empathizing and above all, communicating effectively. this means, doing a lot of work with a lot of people, because conflicts generally involve two or more participants and can negatively impact the rest of the team, thereby reducing productivity. - happy employees mean productive employees. - I've learned through trial and error to really understand my colleagues and be able to navigate the tricky waters of office-place politics. for example, [go into specific example]

## **1. How do you handle conflict?**

Nothing is personal. Everyone thinks company's benefits so I would like to explain my concern and his/her explanation makes sense for me. - Of course, I can do the things which is most helpful to my company. So, I try to communicate with his/her, and I would try to understand the concern. Because everyone have the same goal and wants to get job done successfully.

## **Software Development Life Cycle (SDLC) - What is SDLC?**

SDLC defines the phases in building of software or application.

- o Project Planning
- o Requirement Gathering (Gathering information used to plan project, Identifying risks)
- o Design (How the application will be built)
- o Coding (developing) (Based on requirements, developers will write the application)
- o Testing

- o Production (deployment)(Releasing product)
- o Maintenance (Making sure product is stable, looking at customer report on bugs and fixing it)

6 - Software Testing Life Cycle (STLC) - What is STLC?

7 - What is requirement?

8 - Where is the requirement coming from?

1. Why we test?
2. What is tester's main responsibility?
3. Is 100% testing possible?
4. Which part of regression test should be automated?

## What are the limitations of Selenium?

it only support web base applications

I think being an open source is an limitation also. because if we have any technical problem...there is no one to fix it

Selenium does not support file upload

captcha and bar code readers can not be tested

a program or system intended to distinguish human from machine input, typically as a way of thwarting spam and automated extraction of data from websites.

## WHAT IS SELENIUM

SELENIUM IS SET OF CLASS WE USE ANY SCRIPTING LANGUAGE TO AUTOMATE WEB BASE APPLICATION TO TEST

### What is Xpath?

#### How do you handle dynamic elements?

Find the static part of the id and write a locator(xpath or css) à And then use Startswith, contains, EndsWith

- contains( ) à `//*[contains(@name='btn')]`
- startwith( ) à `//label[startwith(@id, 'message')]`
- text( ) à `//td[text() = 'usedId']`
- or & and à `//input[@type = 'submit' AND @name = 'login']`

#### How to test dynamic web page?

There is no one size fits all solution to this problem. We have to understand the application very well

- o Use explicit waits where necessary.
- o Use custom xpaths and css locators
- § Xpath: contains, starts with, ends with, contains text.
- § By finding the element in relation to another stable element using parent, child, sibling relationships

#### How to use actions class?

Actions class lets us do advanced mouse and keyboard operations:

- Control the mouse
- Class that provides methods for advanced user interactions

- Hovering
- Scroll
- Double click
- Drag and drop
- Right click
- mix/match operators
  - Actions action=new Actions(driver)
  - Action methods
    - click()
    - perform()
    - hold()
    - keydown()build()
    - moveToElement(element)
    - dragAndDrop(source,target).perform()
    - sendKeys() different from the one we usually use
- § Let's you do the sendkeys operation on different elements
- § Regular sendkeys that comes from WebElement will throw an exception on something that is not input text.
- § The long way is;
 

```
actions.moveToElement(source).clickAndHold().moveToElement(target).release().perform();
```

  - Actions won't work unless perform() is used
  - If you are chaining methods, you must use build() before perform()

**Do you like to work alone or with the team?**

**How to get the count of similar objects list in the web page?**

**What types of HTTP requests do you know?**

GET (simple request to server used w/or w/o data)  
 POST (used to send lots of data to the server ex. image)  
 PUT (asking server to store data)  
 DELETE (asking server to delete info on the server)  
 PATCH (request to make partial changes to existing resources)

WHAT IS METHOD IN PYTHON

A method is a function that takes a class instance as its first parameter

**What driver is must to run tests in firefox driver?**

**GECKO**

**What is GIT**

**VCS?**

**WHAT IS THE DIFFERENCE GIT AND GITHUB?**