*I have been working in the software testing industry for last 5 years. I have been doing* ***manual and automation*** *testing of* ***web based*** *applications as well as* ***mobile applications.***

*As a software test engineer, I was involved in all* ***stages of software development life******cycle*** *in multiple project of different company . I have deeper understanding of the development processes such as* ***waterfall and agile******methodology*** *.*

*I am expert in creating documents like* ***test plan, test cases, test scripts.***  *As a QA, I attend different meeting with* ***on shore and off shore team****.*

*As a automation engineer I mostly used* ***selenium WebDriver API*** *for functional/UI testing for web based applications . To enhance my automation scripts I used* ***OOP concept******like java.***

*In my career I have worked in different framework like* ***hybrid, data driven, BDD cucumber etc****. where I mostly used maven as a project building tool to maintain my test cases. I used* ***TestNG as a testing framework*** *to share our project within team members. I get chance to work in different version control tool like* ***GIT*** *to run our regression suite nightly bases we trigger our project into* ***Jenkins****. sometimes I performed* ***parallel and CrossBrowsing testing using selenium grid and*** *to* ***remotely run my project*** *I used* ***sauce lab****,*

*For reporting purpose I used* ***log4j, I reporter extend report*** *and customize* ***html report.*** *I have a good exposure in* ***BDD cucumber framework*** *where I mostly write feature file using gherkin syntax and implement them using* ***page object model*** *concept through step definition class*

*As even though, I am expert for* ***UI*** *testing but I have a hands on experience for back end testing to validate my data base I wrote some simple and complex queries using* ***MySQL and******oracle***

*I have sound knowledge in* ***API testing*** *like* ***REST and SOAP*** *using* ***postman*** *and* ***SOAPUI*** *tools manually, beside that I execute* ***RAST API*** *using automation tool like* ***rest assured framework*** *.On the other hand I get chance to work in mobile application using automation tool like* ***APPIUM*** *for web and native app.*

*So even though I have experience for web and hybrid app I execute mobile scripts using real devices and simulator and emulator for both platform iOS and android beside all of my automation experience.*

*I have a sound knowledge about other web fundamental concepts like*

***html, CSS, jquery, JavaScript, ajax, angular js, http,https etc****.**that’s all*

*about myself shortly, if u have any further question I’ll be happy to elaborate more*

LAST PROJECT: OFFICE DEPOT

In my current company is Office Depot. we followed agile metrology for software development process and it was two week sprint. we used Jira as a bug tracking tool. It was webbased application where user can purchase different kind of product. It was ecommerce base application. I used selenium webdriver api for functional and regression testing. I used java as a automation scripting .Junit and testNG as a testing framework. maven as a project building tool. As a project label I used page object model to organize my code and avoid the code duplication and more business readable.

Git as a code repository, Jenkins as a continuous integration tools and for parallel and cross browsing testing I used selenium grid.

{ { As a tester my main responsibility is to find the bug and raise into bug tracking tools like jira}}

The feature I was responsible for to make sure all user can come our website and can purchase all different products. For that I made end to end test scenario. I checked all product are clickable or not, can select all size or not can select the quantity or not ,can click add to cart button or not, can checkout or not can remove or add from cart or not .while searching a product in search textbox we are getting relative product or not in order to do that I provide different kind of value. After that I make sure that user can provide billing and shipping address or not and user can pay in different way or not like using credit or debit or PayPal. As a guest and registered user customer can purchase the product or not . I was  responsible to work on profile page for returning customer like retuning customer can add or remove new email address, new billing and shipping address, new credit or debit or PayPal account or not. All those information are saves properly in profile or not.

My application is called “PriceEngince” which helps our management team to figure out the best price for each of our products. We have the algorithm that take the information about the price of the product of all other stores, the inventory of that product in our warehouse, the product ratings, who are the main user of the product, and the demand of the product in last and current years. Based on the information provided, the algorithm gives us the optimize price for each product we sell. This price should be attractive for our customer as well as our company should make some profit out of it. This application is also integrated with third party application where we get the products price, ratings and demand of the a particular product. This application is also capable of proving the price based on the season considering holidays.

**When we give any answer in the interview the one and only important thing we need to keep in mind is It should be brief and to the point so that interviewer should not loose interest from our answer.**

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We are using Page Object with Page Factory framework with functional/structural implementation.

**>>> Make sure you know what is functional/structural implementation in this framework**.

We have maintained a page class for every page in our application and a page test class to maintain test for that pages. e.g. Product listing page,Add to cart page,Payment page,Invoice generation page.

>> Make sure you know we maintain different page and page test class and all different annotations in page factory

We have maintained separate package for page and page test e.g.

com.companyName.page1 com.companyName.pageTest1

>> Maintaining different packages is always a good practice to follow.

We also have a base page class for common functions use by all pages.

>> Make sure you know why we have Base Page class in page object

We also have library package to maintain common functions related to Selenium/waits/directory creations etc

We are using JAVA/Ruby as our binding language

>> We use java because it is known to most people when we started automation.

We are using standardized maven project for build,execution & dependency management.

>> Make sure you know about a build tool like ant/maven

For handling data driven cases we are passing data using java properties file/xls file /csv file.

>> Make sure you know about libraries like openCSV,JXL/APACHE POI/Java Properties class

For ordering tests we are using testng framework.

>> Prepare testng questions and make sure you know how to run testng.xml using maven

We are using log4j library to maintain logging of our project. We are using all kinds of logging statements like INFO,DEBUG,ERROR etc. We have maintained a separate class for it in com.companyName.main package

>> Make sure you know this library usage in java, we can use log4j by mentioning properties of this framework in a xml file or a properties file and putting that file on build path.

We are using Extent Report for reporting purpose. It is a third party report and it is easily available at maven central repo.

We are using maven postman plugin / JAVA API to send generated extent reports as an attachment to client Distribution list.

>> Make sure you know about this plugin of maven or Java API

We checkin our code into client repository using a version controlling tool git bash on windows sytem.

Summary :- We should talk about all major components in our project like Logging,Emailing,Page Objects,Page Factory Annotations,TestNG,Exception Handling,Build tool,Version controlling tool,DataDriven usage etc.

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**Price Engine**

The application we have developed is “Price Engine” which is designed to help our management team to optimize the pricing and tag the pricing value for each of our product.

This application has an algorithm embedded, which collects the online pricing details of the respective products from all other stores. Algorithm also consumes the inventory detail of that product in our warehouse, the product ratings, usage, consumption and the demand of the product in current and previous year.

Based on all the information provided, the algorithm gives us the optimized price for each product, we sell. This price should be attractive for our customer as well as our company should make some profit out of it.

This application is also integrated with third party applications where we get the products price, ratings and demand of the a particular product. This application is also capable of providing the competitive pricing based on the seasonal sale trends, including holiday season.

Price Engine application is consist of three layer. The presentation layer or the front end(UI), Application layer, Data layer(backend)

**Front end:** It is a web based application and Angular 6 framework has been used to build the UI interface. Angular 6 framework use the typescript language.

**Application layer:** The main business logic was implemented with pure Java.

**Backend(datalayer):** for data storage we used relational database called oracle database. Data is accessed by the application layer via Restful API call.

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