**Automation Test Engineer**

**Dhinesh A**

Mobile: +91-9944991706, e-mail ID: dhineshamt@gmail.com

**Objective**

Thriving to deliver quality product by automating different testing phases, building automation frameworks and introducing new tools to make automation efficient and fast,

**Profile**

* Post Graduated in Master of Computer Application from JJ College of Engineering and Technology – Trichy, in the Year 2011.
* 6 years of Testing experience, in which 2 Years of Manual Testing and **4 years of Automation testing experience**.
* Developed Test cases, Test Scripts using **Selenium Web Driver, Robot framework and Protractor automation tools** for Web based applications.
* Good Coding Skill in **Java**.
* Automated different testing phases using **TestNG Framework, TestNG Annotations, Jasmine framework and xpath expressions** and other locators.
* Have worked in **Mainframe Automation using JAVA API and Cucumber.**
* Developed automation scripts using **Parasoft SOAtest** to regression test the web services.
* Worked on **Maven** tool to handle dependencies, **GitHub** to manage code versions and **Jenkins** for Continuous Integration.
* Have hands on experience in creating **Hybrid, Key word driven** and **Page Object Model Frameworks.**
* Well versed with Software Testing Life Cycle (STLC), Logging and Tracking Defects.
* Performed System Testing, Regression Testing, Compatibility and Mobile Device Testing.
* Extensive experience in Defect Reporting and Defect tracking processes using JIRA and Maestro (Aon Hewitt’s proprietary Defect Tracking tool) tools.

**Appreciation/Achievements:**

* Developed Page Object Model framework using Selenium, TestNG and Extent Report.
* Devised Robot framework for Mainframe automation which helps mainframe developers and business stack holders to create automation script.
* Introduced Robot framework for website and web services automation which has reduced automation effort from 100% to 60%.

**Professional Experience:**

* Organization: Fidelity
* Duration: October 2015 – Till date
* Designation: Automation Test Engineer
* Organization: Aon Hewitt
* Duration: July 2011 – September 2015
* Designation: QA Engineer

**Technical Skills**

|  |  |
| --- | --- |
| **Skills** | **Proficiency** |
| Software Life Cycles | Software Development Life Cycle, Software Testing Life Cycle, Bug Life Cycle |
| Website Automation Testing tools | Selenium WebDriver using Java, Selenium IDE, Selenium Grid, TestNG, Robot framework, Protractor, Parasoft Virtualize. |
| Web Service Automation Testing tools | Parasoft SOA test, Robot framework |
| Mainframe Automation Testing Tools | Java API for Mainframe automation, Cucumber, SQL, DB2 |
| Programming Language | Java |
| Build Management tool | Maven |
| Code Version Control Tool | GitHub |
| Continuous Integration Tool | Jenkins |
| Frameworks | Hybrid Framework, Keyword driven framework, Page Object Model Framework |
| Test Report tools | Apache POI, Jasmine Framework, ATU reporter |
| Defect Management Tool | JIRA, Maestro |
| IDE | Eclipse, Webstorm |

**Projects**

1. **Simplified Automatic Investment for Health Savings Account**

This product will allow the customer who holds HSA account to invest their money in Mutual Fund in Systematic investment mode.

Type of Application: Website application

|  |  |
| --- | --- |
| Tools used for testing | Selenium, TestNG, Extent Report, Appium, Robot Framework for Webservice automation, Eclipse, Apache POI, Cucumber, JIRA, Maven, GitHub, Jenkins. |
| Role | Senior Automation Test Engineer |
| Duratio`n | Months (Oct 2017- Till date) |
| Automation Framework | Page Object Model Framework |

**Responsibilities:**

* Developed Page object model framework using Selenium, TestNG and Extent Report and enhancing it by adding new actions.
* Participating in requirement kick off meeting (MVP planning), attending scrum ceremonies such as Sprint planning and Backlog refinement to improve the understanding on user stories and fine tuning them.
* Creating test cases for every user story in **JIRA** and having review with team and Product owner.
* Creating **automation scripts** to test website, web service and mobile website for Smoke and Regression Testing.
* Configured Jenkins to run regression suite on daily basis and the report will be sent to the team.
* Populating **test Reports** and reviewing them for any defects.

1. **Closed Debit Card Restriction Implementation**

This part is a mainframe implementation where if customer performs activities which are not allowed for the debit card, his card will be restricted to perform transactions temporarily. The new restriction flags added to mainframe program as part of this project.

**Type of Application: Mainframe Application**

|  |  |
| --- | --- |
| Tools used for testing | Java API for Mainframe interaction, jUnit, Eclipse, Apache POI, Cucumber, JIRA, Maven, GitHub. |
| Role | Senior Automation Test Engineer |
| Duration | 3 Months (Jun 2017- Sep 2017) |
| Automation Framework | Page Object Model Framework |

**Responsibilities:**

* Participated in requirement kick off meeting (MVP planning) to understand the product in a high level and raised questions to get the clarifications.
* Attending scrum ceremonies such as Sprint planning and Backlog refinement to improve the understanding on user stories and fine tune the user story.
* Creating test cases for every user story in **JIRA** and having review with team and Product owner.
* Configured mainframe Java API**, Cucumber, Apache POI** and created **mainframe automation scripts** in Java for Smoke and Regression Testing of website.

1. **Automatic Investments**

This product is part of fidelity.com where the customers of fidelity can do their Systematic investments on Mutual funds. It provides range of facilities to the customers such as viewing his existing Automatic investment details, initiating a new investment, delete existing investment, skip the investment for some months and updating the existing details. Fidelity holds 300+ account types with different eligibility criteria and this web page helps all the eligible account types of customers to build their investment effectively.

**Type of Application: Web Application**

|  |  |
| --- | --- |
| Tools used for testing | Selenium 3.3.1 using Java, TestNG, Eclipse, Apache POI, Extent Report, Parasoft SOA Test (Webservice testing),Parasoft Virtualize, Virtual Device Lab, JIRA, Maven, GitHub, Splunk. |
| Role | Automation Test Engineer |
| Duration | 6 Months (November 2016 - June 2017) |
| Automation Framework | Hybrid Framework (Using TestNG with ATU reporting) |

**Responsibilities**

* Creating test cases for every user story in **JIRA** and having review with team and Product owner.
* Configured **Selenium WebDriver, TestNG, Apache POI** and created **selenium automation scripts** in Java for Smoke and Regression Testing of website.
* Developing methods for challenging automation solutions using **WebDriver** and **Java**.

1. **Inquiry Access**

This product will help the customer of fidelity to grant viewing level access of his own accounts to third party agents. Logics such as locking the customer, warning the customer while trying to give access to his own account, restricting agent who has other level of access and provision of sending e-mail to the customer upon successful transaction are implemented.

**Type of Application: Web Application**

|  |  |
| --- | --- |
| Tools used for testing | Robot framework, Webstorm, Parasoft SOA Test (Web service testing), Parasoft Virtualize, Virtual Device Lab, JIRA, GitHub, Splunk. |
| Role | Automation Test Engineer |
| Duration | 4 Months (July 2016 – October 2016) |
| Automation Framework | Page Object Model framework and Keyword driven framework |

**Responsibilities**

* Participated in MVP planning session and contributed to define scope of the product. Also, helped team to find high level user stories.
* Attended sprint planning sessions and backlog refinement sessions to understand the requirement precise and raised appropriate questions to avoid bug after development.
* Created test cases in JIRA and had review with team and Product owner. Sometimes new test cases were added and some test cases modified based on comments.
* Configured **Robot framework** and developed automation scripts to test website and web services.
* Developed automation script using **Parasoft SOAtest** to test web services.
* Executed Robot framework automation scripts and Web services regression scripts to ensure the product is without defect during development.
* Creating bug in JIRA and documented the defect details in JIRA with snap shots, test reports and send to developers.
* Retesting the defects and closing the bug created it if is resolved.
* Attending Daily Stand up to keep the Team updated on the Project Status and attending dev catch up meetings to discuss technical difficulties.

1. **Authorization View**

Authorization View is one module in fidelity.com and the customer can view different levels of access that he/she granted to another agent and can navigate to different pages to initiate the accesses. The customer also educated on different levels of access through popups and learn more contents. The web page developed is mobile compatible and interactive UI makes the page user friendly to the customer.

**Type of Application: Web Application**

|  |  |
| --- | --- |
| Tools used for testing | Protractor, Jasmine framework, Webstorm, Parasoft SOA Test (Web service testing), Parasoft Virtualize, Virtual Device Lab, JIRA, GitHub, Splunk. |
| Role | Automation Test Engineer |
| Duration | 8 Months (Nov 2015 – June 2016) |
| Automation Framework | Page Object Model framework. |

**Responsibilities:**

* Connected with onshore team to understand scope of the program and understand the product.
* Attended scrum ceremonies to understand the product and helped to improvise the requirement.
* Created test cases and documented in JIRA.
* Configured Protractor, Jasmine framework to develop automation scripts.

1. **UPoint Portal Website for JC Penney**

UPoint is a new portal site with attractive Graphical User Interface. This is a proprietary web site to help the employees of the client to make better retirement, investment and Health plan decisions through online. This features a wide range of tools like ‘Retirement Planning’, ‘Savings Review Account’, ‘Pension Projection and compare’ ‘Live Chat’ and many more.

|  |  |
| --- | --- |
| Type Of Project | Web Application |
| Technologies Used | Selenium 2.42, TestNG, Eclipse, Maestro, Advanced Table Editor, SQL, Excel Report using Apache POI |
| Team Size | 4 |
| Role Played | Senior Automation Tester |
| Duration | 9 Months (November 2014- October 2015) |
| Framework | Total Benefits Framework |
| Application Name | UPoint Portal Website |

**Responsibilities**

* Develop/Maintain WebDriver wrapper methods to enhance the existing framework.
* Develop methods for challenging automation solutions like drag & drop, upload file, and resize window using WebDriver and java API.
* Create, debug and handle exceptions - WebDriver scripts and enhance the scripts to work in Selenium Grid for distributed test automation.
* Execute selenium scripts and analyses the test reports.
* Analyze and locate the exception layer where failure of test scripts occurred and fix the scripts.
* Report defects & assist fixes through participation in Defect Triage.
* Prepare the Daily Test Progress Report and Test Execution Report.
* Update the result in Maestro and daily status to client.
* Involved in Peer-Review of the test cases, Usability Testing, Compatibility Testing, Sanity Testing, Smoke Testing, Regression Testing, System Testing and User Acceptance Testing.

1. **CS Pro**

CSPro is a website that will be handled by Customer Service representatives to retrieve employee information while employee calls to customer care and asking for information related to his retirement, investments and Health plans. Also, helps perform process on employee information based on employee request.

|  |  |
| --- | --- |
| Type Of Project | Web Application |
| Technologies Used | Selenium 2.38, TestNG, Eclipse, Maestro, Advanced Table Editor, SQL, Apache POI |
| Team Size | 3 |
| Role Played | Automation Tester |
| Duration | 8 Months (March 2014- October 2014) |
| Framework | Total Benefits Framework |
| Application Name | UPoint Portal Website |

**Responsibilities**

* Identifying the web elements with correct properties and developing the test scripts using selenium WebDriver.
* Create, debug and handle exceptions - WebDriver scripts .
* Execute selenium scripts in TestNG, Populate Excel Report and analyze the test reports across browsers.
* Execute and update Regression Test Suite based on the Test results.
* Reporting bugs through Maestro.

1. **Your Benefits Resources Website**

Your Benefits resources is an interactive website developed to employees of Client Aetna. This website helps employees to manage their Leave Plans, Salary details, Personal Information he keeps with the company, Internal Job oppertunities and Investment plans.

|  |  |
| --- | --- |
| Type Of Project | Web Application |
| Technologies Used | Selenium 2.29, TestNG, Eclipse, Maestro, Advanced Table Editor, SQL, MS Excel |
| Team Size | 3 |
| Role Played | Automation Tester |
| Duration | 9 Months (May 2013- Jan 2014) |
| Framework | Total Benefits Framework |
| Application Name | Your Benefit Resource- YBR |

**Responsibilities**

* Understanding the entire modules and their functionality by verifying the Functional Specification and Style guide issued by the client.
* Responsible for writing and executing the Test scripts.
* Maintaining the Test Reports and Bug Reports.

1. **Your Total Rewards (YTR)**

YTR is a proprietary web site developed for Client GMI to help their employees of the client to make better retirement, investment and Health plan decisions through online. This features a wide range of tools like ‘Retirement Planning’, ‘Savings Review Account’, ‘Pension Projection and compare’ ‘Live Chat’ and many more.

|  |  |
| --- | --- |
| Type Of Project | Web Application |
| Technologies Used | Maestro, Advanced Table Editor, SQL, MS Excel |
| Team Size | 4 |
| Role Played | Tester |
| Duration | 12 Months (Feb 2012 - Feb 2013) |
| Application Name | Your Total Rewards |

**Responsibilities**

* Identify the scenarios to be tested as per the functional requirements.
* Design effective functional Test Cases with respect to the identified scenarios.
* Execute the Test Cases on approval from the Test Lead.
* Prepare Test Execution and Defect Reports with proper Steps to Re-Produce.
* Participate in Defect Triage meeting.

Date:

Place: