**Selenium 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:**

* Awarded as best Digitization of Service team for the year 2016.
* Received Gold Award for successful test automation implementation of UPoint project.
* Received Platinum team award for delivering quality and customer satisfied YBR website.

**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. **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 (June 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**

* 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 **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**.
* Developed automation script using **Parasoft SOAtest** to regression test web services.

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.

**Challenges:**

1. New Automation framework (Robot Framework) implemented for automation testing.
2. Different Tech stack changes involved while development made multiple rounds of testing of both web services and websites.
3. **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 | 5 Months (Feb 2016 – 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.