**Selenium Automation Test Engineer**

**Dhinesh A**

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**Profile**

* Post Graduated in Master of Computer Application from JJ College of Engineering and Technology – Trichy, in the Year 2011.
* 6.5 years of Testing experience, in which 2 Years of Manual Testing and **4.5 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.**
* 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 Framework.**
* 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.
* Following **Scrum methodologies** to deliver quality product faster.

**Professional Experience:**

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| **Organization** | **Duration** | **Designation** |
| Fidelity | Since 2015 Oct | Software Development Engineer in Test |
| Aon Hewitt | July 2011 – September 2015 | QA Engineer |

**Technical Skills**

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| --- | --- |
| Automation Testing tools | Selenium WebDriver using Java, TestNG, Robot framework, Protractor, Parasoft Virtualize, Appium. |
| Mainframe Automation Testing Tools | Java API for Mainframe automation, Cucumber, SQL, DB2 |
| Programming Language | Java |
| Build Management, Code Version control, Continuous Integration Tool | Maven, git, Jenkins |
| Frameworks | Keyword driven framework, Page Object Model Framework |
| Test Report tools | Apache POI, Jasmine Framework, ATU reporter |
| Defect Management Tool | JIRA |

**Projects**

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

This product helps Health Savings Account holding customers to invest their money in Mutual Fund in Systematic investment mode through online.

Type of Application: Website application

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| Tools used for testing | Selenium, TestNG, Extent Report, Appium, Robot Framework for Webservice automation, Eclipse, Apache POI, JIRA, Maven, Git, Jenkins. |
| Role | Senior Automation Test Engineer |
| Duration | Months (Sep 2017- To 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 of the requirement and to refine User stories.
* Creating test cases for user stories in **JIRA** and, having a review with team and Product Owner.
* Creating **automation scripts** to perform Smoke and Regression Testing for website and web services.
* 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**

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

**Responsibilities:**

* Configured mainframe Java API**, Cucumber, Apache POI** and created **mainframe automation scripts** in Java for Smoke and Regression Testing of website.
* Executing Regression Test cases everyday upon successful execution of Smoke test cases.
* Populating **test Reports** and reviewing them for any defects. Debug the issue for basic failures such web service failure or back end issues.

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.

**Type of Application: Web Application**

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| --- | --- |
| Tools used for testing | Selenium 3.3.1 using Java, TestNG, Eclipse, Apache POI, Extent Report, 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**

* 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.
* Executing Regression Test cases everyday upon successful execution of Smoke test cases.
* Populating **TestNG and ATU test Reports** and reviewing them for any defects. Debug the issue for basic failures such web service failure or back end issues.

1. **Inquiry Access**

This is product of fidelity and will help the customer of fidelity to grant viewing level access of his own accounts to third party agents. The logics such as locking the customer, restricting the owner giving access to his own, restricting agent has some other level of access to be given with inquiry access and provision of sending e-mail to the customer upon successful grand of access made this product robust.

**Type of Application: Web Application**

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| 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.

1. **Authorization View**

Customer can view different levels of access that he/she granted to another agent and can navigate to different pages to initiate the accesses.

**Type of Application: Web Application**

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| --- | --- |
| 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:**

* **Configured Protractor, Jasmine framework** to develop automation scripts.
* Developed automation scripts and executed them in sprint level to ensure the product is not hitting with failure due to development made on the sprint.
* Analyzed test reports for defects and reported issue details to developers to resolve.

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

UPoint is a new portal site with attractive Graphical User Interface. This web site has been developed for Client JC Penney to help their employees 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 Application: Web Application**

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| Tools used for testing | Selenium 2.47, TestNG, Eclipse, Advanced Table Editor, SQL, Apache POI, ATU Report, Maestro, Maven, GitHub |
| Role | Senior QA Engineer |
| Duration | 11 Months (October 2014- August 2015) |
| Automation Framework | Hybrid Framework (Using TestNG with ATU reporting) |

**Responsibilities**

* Analyzed the requirements and received answers from Client contact on requirement questions.
* Created Test cases for all the functionalities of the project.
* Configured **Selenium WebDriver, TestNG, Apache POI** and created **selenium automation scripts** in Java for Smoke and Regression Testing.
* Developing methods for challenging automation solutions using **WebDriver** and **Java**.
* Run Regression Test cases everyday upon successful execution of Smoke test cases.
* Populate **TestNG and ATU test Reports** and reviewed them for any defects.