**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 and Protractor automation tools** to test Web-based applications.
* Developed Test cases, Test Scripts using **Robot framework to test web services**.
* Good Coding Skill in **Java**.
* Automated different testing phases using **TestNG Framework, TestNG Annotations, Jasmine framework.**
* Implemented **Extent report** to generate test reports.
* Have worked in **Mainframe Automation using Cucumber.**
* Worked on **Maven** tool to handle dependencies and to trigger test execution, **Git** to manage automation code and **Jenkins** for Continuous Integration.
* Have hands-on experience in creating **Keyword driven** and **Page Object Model Frameworks.**
* Extensive experience in **Agile, Scrum methodologies**, Defect Reporting and Defect tracking processes using **JIRA**.

**Technical Accomplishments:**

* **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%.
* Done **Proof of concept** to perform mobile website testing using **Appium**.

**Technical Skills:**

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| Website and Web services 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 Tools | Maven, git, Jenkins |
| Frameworks | Keyword driven framework, Page Object Model Framework |
| Test Reporting tools | Extent Report, Apache POI, Jasmine Framework, ATU reporter |
| Defect Management Tool | JIRA |

**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 |

**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 and Webservices application

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| --- | --- |
| Tools used for testing | Selenium, TestNG, Extent Report, 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 |

**Major Assignments:**

* **Developed Page object model framework from the scratch using Selenium WebDriver, 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**

New Restriction flags are added to mainframe program to restrict fraudsters from misusing customers debit card.

**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 | Senior Automation Test Engineer |
| Duration | 3 Months (June 2017- Sep 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 mainframe programs and files.
* Executing Regression Test cases once in a month upon successful completion of smoke tests.
* Populating **test Reports** and reviewing them for any defects.

1. **Authorization View**

This product facilitates customers to provide different levels of access to third party agents to manage their fidelity accounts through online.

Type of Application: Web Application

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| --- | --- |
| Tools used for testing | Protractor, Jasmine framework, Webstorm, Robot framework for web services testing, Parasoft Virtualize, Virtual Device Lab, JIRA, Git. |
| 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 for smoke and regression testing phases of website and web services.
* Reviewed test report on daily basis and reported defects to developers.

Date:

Place: