**Nithya D**

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**Experience Summary**

* Experience in test automation frameworks – **Selenium Web Driver+TestNG** (Java), **RestAssured+TestNG** (Java) & **Robot** (Python)
* Experienced in using Web-debugging tool like **Fire path** and **Firebug** for finding elements locator in browsers
* Used **Git** and **Stash(BitBucket)** for code management and colloboration
* Used **SOAP UI** and **Postman** to validate REST services functionality
* Wrote SQL queries against **DB2**, **Oracle** and **PostgreSQL** databases and used IDEs **SQL Developer**, **IBM Data Studio** & **DBeaver**
* Used **Jenkins** pipelines to execute test suites
* Performed **Automation Feasibility Analysis** and **Tool compatibility** Analysis for the project.
* Experience in using **Sauce Labs** for cross browser testing and parallel execution of Automation scripts
* Tested web portal components and elements creation in **Adobe CQ Tool**
* Used **HP Quality center/ALM**(Application Lifecycle Management) & **qTest** to track test package and defects
* Worked in **Agile** methodology and using **Jira** & related Atlassian toolsfor issue tracking and controlling the Agile Development Sprints Activities.

**Certifications**

International Software Testing Qualification Board **(ISTQB**) Certified Tester

**Technical Skills**

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| Tools & Technologies | Selenium Web driver, TestNG, RestAssured, Robot framework, Rocket Bluezone, SOAP UI and Postman, Sauce Labs, Adobe CQ, Jenkins, Maven, Git, Stash, Jira, SQL Developer, IBM Data Studio, DBeaver |
| Languages | SQL, Java, Python |
| Databases | Oracle, DB2, PostgreSQL |
| Test Management | HP Quality Center/ALM, qTest |
| Operating Systems | Linux, Windows, Mac OS, Android, iOS |

**Projects**

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| **Lowe’s Companies Inc** | **Aug’16 – Present** |
| **Sr. Automation Engineer - Testing** |  |

**Projects:**

* **Genesis POS UI**: Automation of Genesis terminal UI testing using **Robot framework**, **Rocket Bluezone** & **Python**.
* **Omnia**: Test automation of REST API serving new store terminal UI Omnia, using **RestAssured**, **TestNG** & **Java**
* **Pick-Up-In-Store(PUIS)**: Test automation of REST APIs serving Zebra handheld devices used by store associates supporting PUIS functions using **RestAssured**, **TestNG** & **Java**.
* **Fulfilment Expansion program**, **Service Collaboration & scheduling (SCS)**, **Simple Single Trade Install (SSTI)** & **Lead capture portal**: Automation of UI testing using **Selenium web driver**, **TestNG** & **Java**.

**Responsibilities:**

* Developed automated regression test scripts in **Selenium Web Driver** with **TestNG** using **Java** & **Robot framework** with **Rocket BlueZone** using **Python**.
* Used **Firebug** Tool to identify the Object’s id, Name, XPath, link in the application
* Parallelized execution of Selenium scripts using **Sauce Labs** across multiples platform & browsers combos
* Automated the REST API testing using **RestAssured** framework, **TestNG** and **Java**.
* Queried **DB2**, **Oracle** & **PostgreSQL** database tables for validate and to setup test data using IBM DataStudio, SQL Developer & DBeaver
* Automated the REST API testing using **Groovy scripts**
* Used Postman and SOAP UI to validate service functionality
* Used **Git** and **Stash** to manage code and to collaborate
* Functional tested the **Adobe CQ** component using Adobe tool
* Documented the test scripts in **HP ALM**, generated **traceability matrix** to map the business requirements/rules to the test scripts and updating test progress
* Performed feasibility analysis for Sprint Level automation with Selenium WebDriver
* Participated in Test Planning, feasibility analysis, and Test execution planning.
* Reviewed the test scripts written by the team
* Performed smoke testing, functional testing, regression testing, integration testing, back-end testing, browser compatibility testing, end to end testing with all downstream system
* Participated in daily scrum to update the team on progress & blocker
* Participated in sprint demo at the end of each sprint and had given demo to stakeholders for completed stories
* Participated in sprint planning, grooming and retrospective sessions
* Involved in UAT testing with Business team to test the specific scenario and wrote issues log based on outcome of UAT.
* Organize the daily defect triage meeting with other downstream partners to fix the defect as soon as possible
* Liaised with BA and product owner for understanding of requirements and getting the delivery approved
* Kept track of the bugs/defects, decided their priority and then assigned them to different developers using Jira tool.
* Coordinated with offshore team with daily updates
* Conducted knowledge transfer sessions to new team members at onsite and offshore

**Environment:** Selenium Web driver, TestNG, RestAssured, Robot framework, Rocket Bluezone, Mozilla Fire Bug and Fire path, Atlassian Suite(Jira, Stash, Confluence), Git, Jenkins, SOAP UI, Postman, IBM Data Studio, SQL developer, DBeaver, Sauce Labs, Adobe CQ, Eclipse IDE, Google chrome, IE 7,8, Firefox, ALM/QC 12, qTest, Microsoft CRM tool, IBM Sterling console

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| **American Honda Motors, Torrance, California** | **Mar ’12 – May ’14** |
| **QA Engineer** |  |

**Description:**

WAM (Wireless Account Management) team at Honda Motor corp was tasked with Next Generation Telematics (NGT) development. As part of this project, web services exposed to the vendors were updated; telematics services that are provided to the end users were developed. Honda also provides a Java Web based application for Enrolling new customers through sign in, scheduling the charge, charging on off feature and AC on off feature.

**Responsibilities:**

* Participating in Requirement gathering meeting and prepare the test plan.
* Developing test scenarios for the assigned modules based on the Use case document and SRS document and data element mapping documents
* Documenting the test scripts in HP ALM, mapping the business requirements/rules to the test scripts and updating test progress
* Documenting the test data requirements and requesting the environment management team to load the data
* Checking for the test data availability and integrity in DB2 database executing SQL queries using IBM DataStudio.
* Extensively tested back end SOAP APIs developed for Telemetric control unit.
* Testing the Web Service using SOAP UI tool, providing the input data in request XML and validating the output in response XML
* Liaise with the third party service providers that need to be integrated with the telematics unit
* Have conducted User Acceptance Test (UAT) with business users and customers and wrote issues log based on outcome of UAT.
* Tracked of the bugs/defects in HP ALM, prioritized and then assigned to developers**.**

**Environment:** SOAP UI and Web Services, DB2, SQL Developer, IBM Data studio, HP ALM/QC 11.5

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| **Symantec Corporation India** | **Feb ’09 – Nov ’11** |
| **QA Engineer** |  |

**Description**:

CRT (Consumer Response Team) addresses the issues reported by the end users and organizations providing patches and work around for Symantec products. CRT also provides effective resolution of security vulnerabilities, critical in-market issues and all other top technical support issues through maintenance releases and patches.

Besides this the team’s secondary priority shall include product enhancements and tools development based on the needs of the product and support teams.

**Responsibilities:**

* Collection of the reviews and issues reported for Symantec products from Amazon and CNet sites
* Preparation of Test cases based on the reported issues and new features added in the Symantec Products and Tools – SymNRT, SymNRA
* Execution of regression testing to capture the before and after patch view of the functionalities not modified but impacted by the patch planned.
* Executing the Build Acceptance testing for the Symantec Products – Norton Antivirus, Norton Internet Security and Norton 360.Also for Symantec support tools.
* Patch Posting: Posted the patches to CRT server for patch testing.
* Creation of test cases for Ad-hoc testing, Negative testing and Regression testing
* Executed Build Acceptance testing, Functional, Sanity testing of the product
* Track test execution progress and capture the test result in test case management tool – TORO as per the Symantec standards.
* Logging and tracking the defect in defect tracking tool – Etrack, with the necessary error logs and snapshots.
* Reporting execution metrics and coordination with various groups from initial finding of defects to final resolution

**Environment:** Windows Xp, vista, Win 7, Etrack (Defect Management Tool), Toro(Test Case Management Tool) and Ghost Images of the Os.