**Ranjith**

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**Professional Summary:**

* Around 5 years of experience in the test automation industry with strong knowledge of the verification and validation of Software Products developed by the SDLC process.
* Successfully able to design test scenarios, test cases and execute them in different phases of STLC. Experience in Manual, Automation and API Testing with strong ability to analyze requirements.
* Confident on developing different type of framework, BDD with Cucumber, Data Driven with Excel, XML (internal), SQL Server (external) and Hybrid Frameworks using Page Object Model.
* Proficient in creating automation script from scratch in Java using Selenium/Cypress, utilizing Eclipse/Visual Studio Code.
* Experience in core **AWS** services (S**3, EC2, ELB, EBS, Route53, VPC, auto scaling, kinesis** etc.) and deployment services (**OpsWorks** and **Cloud Formation, ECS)** and security practices (IAM**, Cloud watch and Cloud trail)** and services **Lambda, EMR, RedShift, Elastic Bean Stalk, X-ray.**
* Experience in using Splunk (Log Aggregator) to create reports and dashboards from log files. Have used Your-kit Profiler to debug and enhance application performance in MuleSoft.
* Experience in container technologies **Docker, Vagrant, Kubernetes** and Virtualization Technologies **Virtual Box, VMWare, Cloud Foundry.**
* Strong Experience in Automating Web Application Testing using Frameworks like Selenium, Hobbes, Nightwatch and WebDriverIO. Extensive experience in designing and developing solutions in Languages like Java, JavaScript, Python and Unix Shell Scripts.
* Managing Pivotal Cloud Foundry (PCF**)**, applying patches, upgrading PCF 1.6 to next versions.
* Experienced in Smoke Testing, Functional Testing, Regression Testing, Browser compatibility testing and User Acceptance Testing (UAT).
* Strong in Front-End Testing and Back-End testing manually, as well as using QTP automation tool.
* Sound knowledge of test management tool HP Quality Center, HP Application Lifecycle Management and Rational Clear Quest tools.
* Experienced in Regression Testing using QTP automation tools.
* Extensive experience of Smoke, Functional, Unit, Integration, Regression, Black Box, GUI, Back-end, UI Testing, Browser Compatibility testing, Maven, Java, Apex unit, Selenium, Ant, Robot Frameworks, Jenkins, GitHub, Junit.
* Professional in designing, developing, and enhancing automated test scripts for Selenium using Python.
* Experienced in using Jenkins/TeamCity as a Continuous Integration server to configure with GitHub/Bitbucket and Maven.
* Proficient in creating business based functional Test Scenarios, Test plans, Test cases, Test Scripts, Test Specifications and Traceability Matrix including both Manual and Automation testing of the applications.
* Extensive knowledge in gathering and understanding BRDs (Business Requirements Document), FRDs (Functional Requirements Document), SRS (System Requirement Specifications) and Used cases.
* Experienced with Smoke and Regression testing, User Acceptance Testing, Functional Testing, System Testing, Integration Testing, End to End Testing.
* Developed automation framework using **Selenium, Cucumber, Maven** and **TestNG** with **Java**, Para soft **SOA, Restful API** and **Postman**.
* Experienced testing BPT& creating automation/Manual test cases for Business Process Models using HP tool like ALM & UFT (QTP)
* Experience in designing, developing, enhancing module base automation using Tricentis' model-based automation tool TOSCA 9.1
* Performing **API testing** (SOAPand **REST)** using **Para soft SOA** and **Postman** and **SoapUI.**
* Strong knowledge in web services testing via Tool SOAP UI/ Restful web services
* Experienced in using Selenium WebDriver for writing Junit test suites and test cases.
* Technical experience with SQL -- write queries to validate backend data (Joins, Functions, Subquery etc.)
* Hands on experience in testing database connectivity with JDBC.
* Creating VMs in the cloud using **PowerShell** including the VNet setup, load balancing etc. and then creates a template based on the required configuration.
* Extensively used Selenium to take Screenshot for Capturing Failed test cases, select for selecting multiple values from a list, Action for various key / mouse event, with different Locators (XPath, CSS, id, Link text).
* Experience in setting up test environment for mobile test execution using Java, Appium and TestNG.

**Skillsets:**

* **Testing Tools**: Cypress, Robot Framework, Selenium IDE/Web Driver**, HP QTP 10.x,** Mercury/HP, **Quality Center,** Nightwatch, AWS, Karate, Mule ESB, Cloud Foundry (PVC), Cucumber, SoapUI, REST, TOSCA, Postman, Karate
* **Reporting Tools**: ALM, TFS/MTM, JIRA
* **Integration Tools**: GitHub, Jenkins, Bitbucket, MuleSoft ESB, Octopus, TeamCity
* **Database**: Oracle, MS Access, Advanced SQL Querying Programming SQL, MySQL, PostgreSQL
* **Operating System**: Windows, Unix/Linux, MAC, Android, IOS
* **Languages**: Java, Python, XML, JSON, HTML, Angular
* **Methodologies**: Agile Scrum, Kanban, Waterfall

**Professional Experience:**

**Blast Radius, Vancouver, BC Mar’21 – Till Now**

**Sr. QA Automation Engineer**

# Responsibilities:

* Work in antioxidant IDE and antioxidant internet Driver and execute the take a look at cases victimization antioxidant internet Driver.
* Performed purposeful, Smoke, Usability, Integration and Regression Testing. Worked in protocols utilized in insurance like internet Services, HTML, SOAP, XML.
* Integrated Automation scripts () in Continuous Integration tools (Jenkins) for nightly batch run of the Selenium **WebDriver APIScript. Created Project plan on Jenkins** configured scheduled using Cron job.
* Worked on distributed take a look at automation execution on totally different setting as a part of Continuous Integration method victimization antioxidant WebDriver and Jenkins.
* Take a look every internet services (SOAP messages) victimization SOA take a look at tool (IBM Message Test Utility).
* Developed BDD Cucumber Frameworks victimization Java genius Project. Developed take a look at automation framework scripts victimization Python antioxidant WebDriver.
* Implemented Page Object Model framework with Python and antioxidant. Applied synchronization points and checkpoints where needed.
* Developed take a look at cases, scripts, and created virtual users in Loadrunner for Load, Stress and Performance Testing of the applying. Victimisation Cloud watch and new relic to observe our API and generator dB performance.
* Used Jenkins as a Continuous Integration server to configure with GitHub and Maven. Performed Regression Testing for every modification made in the application and new builds using Selenium WebDriver.
* Performed Regression Testing for every modification made in the application and new builds using Selenium WebDriver.
* Prepared and dead take a look at cases as per System needs. Concerned in interface, Functional, Regression testing and System testing.
* Executed AN end-to-end take a look at arrange and managed all activities within the arrangement to make sure all objective's area unit met and resolution works evidently.
* Integrated TestNG with Selenium using Eclipse to generate test execution result. Created automated script for REST-API testing using Rest Assuredframework.
* Worked and communicated with programmers, project managers and different teams to line and meet quality standards and deadlines.
* Worked and corresponded with code engineers venture supervisors and totally different gatherings thus on set and meet quality benchmarks and due dates.
* Code readying when the fix to the code has been done and verification of the right code readying.
* Develop automatic take a look at scripts, reusable codes functions victimization antioxidant WebDriver, JAVA. Used JUnit/TestNG framework to run unit take a look at and genius to create the project.
* Developed Test Plans, Test Scenarios, and Detailed Test Cases based on the Used Case Documents, Business Requirements, and Software Requirement Specifications (SRS).
* Created process flows, diagrams, RTM matrix and test coverage strategies to help team members to better understand the various scenarios of testing.
* Worked as manual tester to create test scenarios, test plan, test cases of system design documents.
* Maintained and Updated test plans, test cases, test environment, and test ware through SDLC.
* Involved in GUI, Functional, System Testing, Integration, Regression, Back-end and UAT Testing.
* Integrated TestNG with Selenium using Eclipse to generate test execution result. Updated the framework with helper methods if any while developing REST APPI automated scripts.
* Experienced in creating Automated Web services testing processes using SoapUI NG Pro tool and Karate DSL framework.
* Involved in planning, scheduling, Tracking, Reporting Status and Managing issues using ALM. Initiated and participated in conference calls, walk through and review meetings.
* Ensured to meet the project timelines and escalate the risk identified during the testing process. Developed both positive and negative Test Cases for different user roles and functionalities.
* Followed agile methodology and attended Scrum meetings. Design/implement manual test scripts, test steps, and run them during integration.

**Environment:** JAVA, Selenium WebDriver, TestNG, AWS EC2, Cucumber, HTML5, Agile, Maven, UNIX, HP Quality Center, QTP, ALM/Quality Centre, Firefox, Chrome, SQL Server, Eclipse, Postman, AWS, SoapUI, Jenkins.

**Unity, Montreal, QC Jan’20 – Feb’21**

**QA Automation Engineer**

# Responsibilities:

* Performed Integration testing, Regression testing, Interface testing and User Acceptance testing. Involved in transitioning and sharing the knowledge with new team members joined the team, also explaining them the test methodology, procedures, status, and company standards to write Test Cases.
* Defects were Tracked, Reviewed and Analyzed using Quality Center. Performed Functional Testing, Smoke Testing, Regression Testing, User Acceptance Testing, and Data Base Testing.
* Involved in data mapping of the project requirements queried the database using SQL queries for data mining data analysis and data modeling. Maintained Requirement traceability matrix (RTM) using Microsoft Excel Sheet
* Participated in the Business meetings with the team to understand their need and Requirement. Determined the Entry and Exit Criteria for different phases in testing cycle of the system.
* Worked with developers to Create and update the defects, resolve, and track their status. Provided the status reports on test cases executed, defects found, defects pending, defects solved.
* Developed BDD Cucumber Frameworks using Java Maven Project. Developed test automation framework scripts using Python Selenium WebDriver.
* Implemented Page Object Model framework with Python and Selenium. Develop REST APIs using MuleSoft Anypoint API Platform.
* Created manual Test Cases in HP QC/HP ALM for various User Stories based on Release and Sprint Plan.
* Learn MuleSoft Enterprise Service Bus and develop pilot project to integrate PeopleSoft with external systems.
* Developed a MuleSoft batch application to transfer transcript data from PeopleSoft into UAchieve. Utilized Database and HTTP connectors to read and write data in this application.
* Involved in daily Scrum meetings. Also involved in Iteration/Sprint planning meeting to plan the stories that needs to be developed and tested in the upcoming sprint based on the priority and estimated effort.
* Develop and maintain automated tests using Python and the Robot test framework. Working on Data Driven framework using Selenium to automate Dot com content and sales flows. Using Perfecto mobile to run and maintain mobile platform tests.
* Familiarity working with **Node.JS** and **NightWatch.js** for web automation. Extensively used Page Object Model for designing, building and executing the Hybrid Frameworks.
* Executed an end-to-end Test Plan and managed all activities in the plan to confirm all objectives are met and solution works as expected
* Performed GUI testing of Siebel CRM application upon Upgradation from Siebel v8.1 to v8.4. This involved testing the data displayed, testing the layouts of the screens and views and also entities like Pick applets, MVG applets, Static Pick lists
* Responsible for conducting Pre-UAT sessions for the business users to familiarize them with the application, its important functionality and business processes.
* Actively involved in developing automation scripts using TOSCA 9.1, Creates Business Process Models test cases using ALM BPT add-on
* Develop automated test scripts, reusable codes and functions using Selenium WebDriver, JAVA
* Experienced in POM.xml to get required dependencies from a central repository, add plugins, ran scripts using pom.xml file.
* Used Junit/TestNG framework to run unit test and Maven to build the project. Used Selenium WebDriver with java plug-in to generate automated test scripts from scratch and enhance existing scripts.
* Application integration using MuleSoft ESB and IBM Message Broker for integrating and orchestrating the services.
* Executed Selenium test scripts on different browsers and checked for compatibility. Worked in an Agile environment including hands-on experience with gathering and writing user stories
* Performed continuous integration of the test cases periodically using Jenkins and configured it to email reports during a build failure.
* Integrated TestNG with Selenium using Eclipse to generate test execution result. Updated the framework with helper methods if any while developing REST APPI automated scripts.
* Used selenium web driver with TESTNG and sauce labs for frontend automated Testing and cross browser testing. In terms of backend Used Ready API (licensed version of SOAP UI).
* Validated the XML with SOAP and tested RESTful API (POST, PUT, and GET). Created SQL statements for backend data base validation
* Involved in data mapping of the project requirements, queried the database using SQL queries for data mining, data analysis and data modelling. Automating **Devops** for creating VMs in the cloud (Azure).
* Created numerous simple to complex queries involving self joins, correlated sub queries, CTE's and XML techniques for diverse business requirements. Tuned and optimized queries by altering database design, analyzing different query options, and indexing strategies.
* Analyzing and Deploying WebApps (Platform) in the Cloud. Performed Web Service API testing using Postman and SOAPUI.
* Involved in testing Web services, REST and XML with SOAPUI, for the local WSDL with URL and created Test cases, and validated data flow.

**Environment:** JAVA, Selenium WebDriver, PeopleSoft CS 9.0, People Tools 8.50, Karate, QTP 8.2/9.0/9.2/10.0, UFT 11.5 & TOSCA 9.1, Nightwatch, TestNG, AWS EC2 , Cucumber, HTML5, Agile, Maven, NGINX, UNIX, HP Quality Center, QTP, ALM/Quality Centre, Firefox, Chrome, SQL Server, Eclipse, Postman, AWS, SoapUI, Jenkins.

**TCS, Hyderabad, India Jan’18 – Dec’19**

**QA Tester**

**Responsibilities:**

* Developed BDD Cucumber Frameworks using Java Maven Project. Converted Selenium Test cases into Cucumber BDD style case.
* Created automation framework in Selenium WebDriver using behavior driven approach like Cucumber, Robot.
* Implemented Large Scale Cloud Infrastructure (250+ servers) using **AWS** resources - **IAM,** Elastic IP, Elastic Storage, Auto Scaling, **VPC , EC2 , EBS , ELB, Route 53, RDS, SES, SNS, SQS, OpsWorks, EMR, Red Shift, Cloud Formation, CDN, KMS, S3, LAMDA** (Server less), **Elastic Bean stalk, ECS, Cloud Front, Snow Ball.**
* Upgrade each MuleSoft application from 3.7.4 to 3.8.2. Involved in Continuous Integration of the automation framework with Jenkins, Robot Framework Ride.
* Extensively used Page Object Model for designing, building and executing the Hybrid Frameworks.
* Executed an end-to-end Test Plan and managed all activities in the plan to confirm all objectives are met and solution works as expected
* Involved in Configuring, automation and maintaining build and deployment CI/CD tools **GIT/ Bit Bucket, Jira, Confluence, Bamboo, Build Forge, Chef, Docker registry/daemon, Nexus and JIRA** for Multi-Environment (Local/POC/NON-PROD/PROD) with high degrees of standardization for both infrastructure and application stack automation (**ECS**) in **AWS** cloud platform.
* Created test plans, test cases using HP QC. Automated the Regression test suite using QTP. Responsible for running the smoke test after every code release in test environments.
* Created, Reviewed and Executed test cases and test scripts for System, Integration testing. Involved in creating the Object Repositories, QTP Test scripts and execute them.
* Develop automated test scripts, reusable codes and functions using Selenium WebDriver, JAVA.
* Experienced in POM.xml to get required dependencies from a central repository, add plugins, ran scripts using pom.xml file.
* Actively involved in developing automation scripts using TOSCA**,** Creates Business Process Models test cases using ALM BPT add-on
* Issuing Go-No Go Form, QA sign-off on Regression testing in QA and UAT Environment before moving the code to Production. Used Junit/TestNG framework to run unit test and Maven to build the project.
* Used Selenium WebDriver with java plug-in to generate automated test scripts from scratch and enhance existing scripts.
* Experienced in creating Automated Web services testing processes using SoapUI NG Pro tool and Karate DSL framework. Used Jenkins as a Continuous Integration server to configure with GitHub and Maven.
* Performed Regression Testing for every modification made in the application and new builds using Selenium WebDriver.
* Worked in an agile environment including hands-on experience with gathering and writing user stories. Developed and executed detailed and maintainable Test cases and Test Scripts
* Performed continuous integration of the test cases periodically using Jenkins and configured it to email reports during a build failure.
* Created SQL statements for backend data base validation. Involved in data mapping of the project requirements, queried the database using SQL queries for data mining, data analysis and data modelling.
* Performed Web Service API testing using Postman and SOAPUI. Involved in testing Web services, REST and XML with SOAPUI, for the local WSDL with URL and created Test cases, and validated data flow.

**Environment:** JAVA, Selenium WebDriver, PeopleSoft HR 9.0, People Tools 8.48, HP Quality Center, QTP, TestNG, Cucumber, HTML5, Agile, Maven, UNIX, ALM/Quality Centre, Firefox, Chrome, SQL Server, Eclipse, Postman, SoapUI, Jenkins.

**Education:**

Bachelor’s in Electronics and Computer Science from KL University, Vijayawada, India.