Rajesh Tejavath

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**Sr. Software Development Engineer in Test**

**SUMMARY :**

* 10+ years of experience in all the phases of software Testing Life Cycle (STLC), SDLC and Agile development processes
* Diversified Experience in QA, SOA and Manual Testing Serving various domains such as Cloud, Healthcare, Hospitality, Retail
* Extensive Experience on SDLC Models- Agile Methodologies & Validations to ensure Quality Assurance Control and exceptional in Analyzing Business Specifications and developing Test Cases, Test Scripts and Test Suite as well and executing them.
* Have experience in developing end to end automation framework with Cypress/ /TestNG/Selenium/Appium/Playwright
* Cucumber is used to execute automated acceptance tests written in the Gherkin language.
* Experience in writing web application automation using ROBOT Framework
* Strong in understanding the Web Services, HTTP, SOAP, XML, XPath, XSD, WSDL, REST, JSON
* Experience with Cross-Browser and Compatibility Testing to test whether the web applications are working as desired in different browsers and environments.
* Experience in preparing and maintaining Automation Frameworks (Record/Playback, Keyword Driven, Data Driven, Hybrid Driven, and Page Objects)
* Knowledgeable in ETLand data warehousing concepts, SSIS and Informatica (7.1, 8.1, 9.1, 10), PostgreSQL (Greenplum), Teradata V2R6, V2R12, Oracle 9i/10g, Talend Studio V5.6, Denodo & Spotfire, Dynamo DB(No-Sql), Data Integration, Data Architect
* Created business requirement docs and ETL architecture, technical specifications and processed documents for business practice and support. Worked on testing, preparing use cases, creating unit test cases and system integrated testing.
* Having vast experience on UNIX by creating Unix Scripts. Experience in creating new Unix Scripts for end-end flow in SSIS and Informatica jobs.
* Experience Oracle Queries (SQL Developer, Toad), data warehousing, and Dimension data modeling (physical and logical), policies, rules or standards and optimizing SQL/oracle queries to increase performance.
* AWS is used to create instances for enabling and disabling in cloud for testing and deploying builds.
* Using Spincloudevery PR will be taken into cloud to test the user stories.
* Built real time data pipelines by developing Kafka producers and Spark streaming applications for consuming.
* Strong Knowledge in Python Concepts, OOPS (Object Oriented Programming System) concepts, Exception Handling, List, Tuples, Sets, Dictionary and Control flow.
* Cucumber framework in Selenium allows test scenarios to be written using natural language constructs that describe the expected behavior of the software for a given scenario.
* Wrote Kafka producers to stream the data from external rest APIs to Kafka topics.
* Strong Knowledge in Core Java Concepts, OOPS (Object Oriented Programming System) concepts, Exception Handling, Collections Framework, Multi-threading, Conditional and Looping statements
* Experience includes the testing of Client/Server, ETL, SOA and WEB applications using Manual and automated testing tools like Quality center, Rational Suite, Load Runner, Win Runner and Quick Test Professional, JIRA
* Good understanding on Mobile applications testing and automation.
* Expertise in Grouping of Test Cases, Test Methods and Test Suites for regression and functional testing using the TestNG (Groups, Parameter, Data Provider)
* Good understanding and experience with Cloud environment AWS
* Experience in messaging queue services like IBM MQ. RabbitMQ, ActiveMQ and Apache Kafka
* Good Experience and understanding on Ruby framework and test cases.
* Excellent analytical skills with good communication and self-organizing skills, assertive and a committed team player

**TECHNICAL SKILLS:**

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| --- | --- |
| Programming & Scripting Languages | JDK, Java/J2EE, Python JavaScript, JSON, Cucumber, Gherkins |
| Test Frameworks/Tools | Selenium Web Driver/IDE, RC, Selenium Grid, TestNG, JIRA, Cucumber, SOAP UI, Postman, Junit, Mockito, Maven, Ant, JSON, AJAX, Eclipse |
| Web Technologies | HTML, XML, HTML 5.0, CSS3, Java script |
| Databases | Oracle 11g/10g/9i, MySQL, DB2, MongoDB, SQL Server 2005/ 2008 |
| Web Services | Restful API, SOAP UI |
| Frameworks | Junit, TestNG |
| Web-debugging tool | XPATH, Firebug, Fire path |
| Cloud Technology | AWS |
| Operating System | Windows XP/7/8/10,Mac,Linux, Cloud |
| ETL Tools | Informatica Power Center, Informatica Power Exchange, Informatica Data Quality (IDQ), Informatica Data Transformation B2B, Informatica Data Explorer (IDE), SSIS, Talend, DataStage, etc. |
| Data Modeling | Relational Modeling, Dimensional Modeling (Star Schema, Snowflake, FACT, Dimensions), Physical, Logical Data Modeling, and ER Diagrams. |

**PROFESSIONAL EXPERIENCE:**

**Apple Inc, Austin TX Jan2020 - Till Date**

**Job Title: Sr Software Developer in Test**

**Responsibilities:**

* Analyzed business requirements document, functional specifications document to prepare Test plan and Test cases.
* Involved in Test design discussion to come up with efficient test approach with limited test cases along with critical boundary value test scenarios.
* Pythons maintain and troubleshooting to spot potential problems and ensuring they continue to function smoothly.
* Using Python created automation from scratch using ROBOTFramework
* Involved in Test case review for quality testing and defect free product deliverable.
* Written test cases along with test cases execution
* Good Knowledge in writing different kinds of tests like Unit test/PyTestand build them.
* Have hands-on Experience in writing automation in Playwright**.**
* Using playwright wrote web applications automation and backend apis test cases which executes superfast.
* Wrote Python scripts to parse XML documents and load the data in database. Responsible for user validations on client side as well as server side.
* Have experience in writing automation test cases for Mobile applications IOS/Android using Appium.
* Developed automation test scripts using Selenium Web Driver, TestNG and Junit
* Implemented Selenium test cases to follow Cucumber Gherkin scripts (feature files) for Behavior Driven Development
* Implemented TestNG Reports which we have created automation for Mobiles applications.
* Implemented Micro services architecture using Spring Boot for making application smaller and independent.
* Designed and developed the REST based Micro services using the Spring Boot
* Wrote Kafka producers to stream the data from external rest APIs to Kafka topics.
* Wrote Spark-Streaming applications to consume the data from Kafka topics and write the processed streams to HBase.
* Design, Develop Informatica Data Transformation B2b using Informatica developer which converts Excel sheets with multiple tabs, pdf files into XML files by applying Tool scripts like Parser, Serializer, Mapper, Transformer and these DT codes is developed using Informatica developer.
* Uses Flat, XML Files, Oracle, Sql, Db2 tables as source in Informaticaand Created UNIX shell scripts for SFTP and other event handlers.
* Designed data modelling of the database and worked on back-end Teradata, Oracle and Sql as Source or target Database.
* AWS is used to create instances for enabling and disabling in cloud for testing.
* Built real time data pipelines by developing Kafka producers and Spark streaming applications for consuming.
* Performed compatibility testing on Safari, Chrome, Firefox, IE, Opera
* Written test cases using TestNG and used CSS, Xpath techniques to find out the static and dynamic elements in web application.
* Used and implemented Java OOP concepts like Inheritance, Abstraction, Encapsulating, Polymorphism etc.
* Extensively used Java Collection Framework and implemented Array List, Set, Map Collection objects
* Extensively used advanced For loop statements for looping and processing the multiple data objects
* Responsible for continuous regression execution on applications by running automation test suite before launch.

**Environment:** Java, J2EE, Selenium Web Driver, TestNG, Junit, Cucumber, SOAP UI, JavaScript, HTML, Postman, Eclipse, XPATH, JDK, Java, J2EE, Collection Framework, OOP’s Concepts, REST API, Rest Assured, SOAP, WSDL, HTML, Agile, Scrum, GIT, GitHub, SQL, Oracle, ATDD, Jira,TDD, Jenkins, DevOps, CI/CD, Maven, BDD, Tomcat Server, SQL Developer, Cloud

**BCBSM, Detroit, MI Aug 19 – Dec 19**

**Job Title: QA Automation Engineer**

**Responsibilities:**

* Analyzed business requirements, system requirements, and data mapping requirement specifications interacting with developers and QA team.
* Used Selenium Grid to run test cases in multiple browsers and Platforms.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, TestNG and Maven and Java
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Developed test code in Java language using Eclipse, IDE and TestNG framework.
* Implemented the ATDD approach and developed the cucumber automation framework with Ruby.
* The entire Ruby scripting done using Cucumber Framework Wrote and executed SQL queries to verify.

the data updates to various tables and ensure data integrity.

* Wrote scripts for testing using Ruby in cucumber framework.
* Prepared the functional test cases using test design techniques data validation concepts Equivalence partitioning, boundary value analysis.
* Performed compatibility testing using Sauce Labs cloud integration.
* Developed few test cases for applications implemented in Ruby language.
* Prepared test data document and involved in generation of bug and test case execution reports.
* Strong experience with SOA architecture, which include Soap and Restful Web Services Testing
* Performed web services testing with SOAP UI by validating request and response for XML, Json files.
* Performed data driven testing by using JDBC and Groovy script as a data source in SOAP UI and configured SQL queries to fetch data from the Oracle database.
* Good Experience in Agile methodology with SCRUM Process for the product development.
* Worked on Project Management tool finding and reporting the bugs – JIRA.
* Have deployed various application through Dockers containers.
* Created Regression Document to track and report testing activities during each phase of testing, including testing results, test case coverage, required resources, logged defects and their status, performance baselines.

**Environment:** Selenium WebDriver, TestNG, REST API, Eclipse, Jenkins, CI/CD, Cucumber, SOAP UI, Jira, Java, SQL Server, Ruby, TOAD, UNIX, HTML, Docker, Cloud, Firebug, Eclipse, SVN

**Salesforce Indianapolis IN Feb 19 – July 19**

**Job Title : QA Automation Engineer**

**Responsibilities:**

* Analyzed business requirements document, functional specifications document to prepare Test plan and Test cases.
* Involved in Test design discussion to come up with efficient test approach with limited test cases along with critical boundary value test scenarios.
* Involved in Test case review for quality testing and defect free product deliverable.
* Written test cases along with test cases execution
* Developed automation test scripts using Selenium Web Driver, TestNG
* Implemented Selenium test cases to follow Cucumber Gherkin scripts (feature files) for Behavior Driven Development
* Cucumber was used for the entire regression testing and functional testing with Selenium as primary tool to identify the Test Scenarios, Test Cases and Test conditions.
* Performed compatibility testing on Safari, Chrome, Firefox, IE, Opera
* Used Eclipse IDE for writing test cases and debugging the scripts.
* Researched and reported defects and logged them into JIRA bug tracking system.
* Written test cases using TestNG and used CSS, XPath techniques to find out the static and dynamic elements in web application.
* Have come up with SQL queries for validating certain UI updates in the database and test data preparation.
* Performed web services (REST) testing with SOAP UI and sometimes Postman.
* Validate the application UI through developer tool and debug to find out certain JavaScript issues and validate the AJAX call request and response.
* Responsible for complete defect tracking and test execution updates in ALM
* Responsible for preparing weekly test status report during execution to summarize progress and results and complete test summary report at the end of test phase to ensure readiness of application deployment to production.
* Responsible for continuous regression execution on applications by running automation test suite before launch.
* Involved in Sprint refinement, daily stand-up, retrospection and scrums for any major impediments/blockers

**Environment:** Java, J2EE**,** Agile Methodology, REST API, Spring Framework, Selenium, docker, Mainframes, XML, HTML, Eclipse, SQL, DevOps, Maven, Jenkins, Scripts, Selenium Web Driver, Cucumber.

**RCI (Wyndham Destinations), Indianapolis IN Aug 17 – Feb 19**

**Job Title: QA Automation Engineer**

**Responsibilities:**

* Involved in Analysis, Design and Development of web application using Java J2EE, REST API and Spring Framework modules.
* Analyzed system requirements specifications, developed & executed detailed Test Strategy, test plans, Test Cases, Test Data for testing the functionality, GUI, security, and usability of the Application.
* Performed Functional tests using Selenium WebDriver with data driven framework.
* Executed Selenium tests for automation testing of the web application using Selenium Web Driver.
* Followed Test Driven Development (TDD) as much as possible and written test cases using TestNG for every relevant class.
* Wrote highly efficient and maintainable Java code to develop Page Objects using the Selenium Framework.
* Used best coding practices while developing the web application components using Java J2EE
* Participated throughout the product life cycle, for requirements, test design and review, through the development and the testing process to customer implementation.
* Designed and Developed Servlets and JSP’s and Action Classes in the web applications.
* Designed and developed and used Core java concepts, OOP’s concepts and Collections API
* Designed and Developed GUI using HTML, CSS, Java Script, Ajax and JQuery
* Used best design patterns to design and develop the web and enterprise applications.
* Used to store, schedule test cases and report bugs.
* Designed and Developed Web Application using Spring Framework and REST API
* Used Docker container to run the application with the help of port number provided by the Docker.
* Worked towards accomplishing on time delivery of all the projects.

**Environment:** Java, J2EE**,** Agile Methodology, REST API, Spring Framework, Selenium web Driver, Mainframes, XML, HTML, Eclipse, SQL, DevOps, Maven, Jenkins, Scripts, Linux/Unix

**Value Labs, Hyderabad India Aug 14 – Jan16**

**Java Developer**

**Responsibilities:­­**

* Involved in Analysis, Design and Development of web application using Java J2EE, REST API and Spring Framework modules.
* Implemented Spring Services, Spring Action classes, DAO’s in the application.
* Implemented REST API using Jersey and its core components.
* Involved in developing Test Methodologies, Test Plans and test cases.
* Design and developed the automated test script and test suites.
* Analyzed system requirements specifications, developed & executed detailed Test Strategy, test plans, Test Cases, Test Data for testing the functionality, GUI, security, and usability of the Application.
* Designed and Developed Web Application using Spring Framework and REST API
* Worked towards accomplishing on time delivery of all the projects.
* Knowledge in Designed and developed the REST based Microservices using the Spring Boot

**EUDATION DETAILS:**

* Bachelor’s in computer science, JNTU, Hyderabad, India – 2014.
* Master’s in information system, stevens Henagar college, Salt Lake City Utah. 2017