**Rishita Y**

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**Summary**

* Extensive IT experience in developing, designing, analysis, testing of various web based and client/server applications in multi-platform environments with **JAVA/J2EE technologies**.
* Experience in Core Java concepts such as OOP Concepts, Collections Framework, Exception

Handling, I/O System, Multi-Threading, Serialization and JDBC.

* Extensively worked on the spring modules like Spring IOC, Spring DAO, Spring Web flow, Spring
* Security, Spring MVC, Spring Boot and Spring AOP.
* Developed automation scripts and frameworks from scratch using **Selenium WebDriver with Java**.
* Extensive experience in creating test scripts using Selenium WebDriver for Black Box and White Box Testing.
* Proficient in designing automation frameworks like Data-driven and Keyword-driven tests using UFT.
* Expertise in designing and developing strategic Test Plans, Test Cases, and Test Reports for manual testing.
* Participated in Agile/Scrum software development life cycle, engaging in Daily Scrum, Sprint Planning, and Retrospective meetings.
* Involved in all phases of **Software Development Life Cycle (SDLC**), demonstrating a good understanding of **AGILE** methodologies.
* Proficient in both System Testing and User Acceptance Testing in **Agile environments**.
* Successfully validated applications in various industries including Financial, Retail, Airline, POS, and others.
* Performed extensive System Testing, Functionality Testing, White Box Testing, Integration Testing, Regression Testing, and GUI Testing.
* Expert in conducting Black Box, Smoke, Positive, Negative, Integration, System, and Regression testing.
* Proficient in **Web Service/API testing** using tools like **SOAPUI, Postman, Rest Assured**.
* Strong knowledge of Web Services and SOA (Service Oriented Architecture).
* Experienced in testing and validating various web services and **REST APIs** used in applications.
* Utilized Playwright, Selenium WebDriver, and tools like UFT, SOAPUI, and SOA test for automation testing.
* Working knowledge of MS Team Foundation Service (TFS) for project management and requirement tracking using MS Visual Studio.
* Proficient in writing complex SQL queries on MS SQL Server for data validation and persistence.
* Well-versed in Software Test Life Cycle (STLC) and Defect Management, ensuring comprehensive testing coverage.
* Involved in analysis of Software Requirement Specifications, resulting in effective Test Plans, Test Scripts, and Test Cases.
* Strong understanding of Object-Oriented Programming (OOP) concepts, including inheritance, polymorphism, abstraction, encapsulation, and interfaces.
* Developed Test Scripts in UFT tool using VB Script, enhancing automation capabilities.
* Solid grasp of Software Development Life Cycle (SDLC) and QA methodologies, contributing to high-quality software products.
* Proficient in writing and executing both manual and automated tests, ensuring rigorous quality standards.
* Develop and Automate end to end functional & performance tests , enable faster validation.
* Work in partnership with Scrum team members, including engineering and product management, to deliver business functionality on-time, with required quality, and that meets the acceptance criteria.
* Write test cases and scenarios from the requirements/designs; manage bug tracking across multiple teams. Create, trigger, monitor and control the execution of automated test suites, identifying issues and potential gaps.
* Support QE governance of test processes, data, and execution metrics to help drive improve the performance of team.
* Provide feedback into coding standard methodologies with an emphasis on growing code testability and maintainability
* Be a key contributor to the continuous integration and continuous delivery pipelines. Perform code reviews for your peers. Develop and build the test infrastructure.
* Perform manual exploratory testing and troubleshooting to help identify difficult to find bugs and UX issues

**Technical Skill Set**

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| Language | Java, C++, HTML5, CSS3, JavaScript, SQL, Python, SQL, XML, Gherkin. |
| Frameworks | Spring Framework, Hibernate, JUnit, Mockito, Spring, Spring Boot |
| Web Technologies | JEE, JSP, Servlet, JDBC, HTML, CSS, JavaScript, RESTful Web Services, AWS |
| Databases and Tools | MySQL, Oracle Db |
| Web Application Servers | Apache Tomcat, JBoss, WebLogic, Web Sphere |
| Test Automation Tools  | Selenium Web Driver, Test NG, Cucumber, Rest API, Rest Assured, Postman, Appium, HP ALM, HP UFT, JIRA, JUnit, Zephyr, SOAtest  |
| Databases  | Oracle, Microsoft, SQL Server, MySQL  |
| Development Tools  | Eclipse, Maven, GIT, Jenkins, Kubernetes, Docker |
| Operating Systems  | Windows, Mac IOS, Mobile (iPhone, Android)  |
| Networking Protocols | TCP/IP, HTTP, DNS, OSPF, ISIS |

**Professional Experience**

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| **Client: NCDOT, PA Jul 2023 – Present** |
| Role: QA automation Engineer |  |

# Responsibilities

* Attended comprehensive training in Java Core, JSP, Servlets, Spring, Spring Boot, Hibernate, Microservices, REST API and Spring MVC.
* Executed dynamic web applications using Java Core, JSP, and Servlets, demonstrating problem-solving.
* Utilized Spring MVC in training to construct modular and scalable web applications, achieving successful project outcomes.
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.
* Analyzed the business requirements, developed test plans, and created test cases in TFS (VSTS).
* Status reporting and test updating in Team Foundation Server (TFS).
* Worked existing Selenium Automation Framework Java using Data Driven Testing.
* Validated data stored in Microsoft, Azure SQL Server.
* Performed several Manual testing in E2E scenarios.
* Experienced in testing framework using Behavior Driven Development (BDD) tools like Specflow.
* Experience creating an automation test framework using Java, NUnit, TestNG etc.
* Wrote Gherkin language test case scenarios in a feature file using Soap UI
* Implemented Test Automation Scripts for Mobile Testing Using Appium for Android and iOS applications.
* Identify bad design/code patterns which can impact performance and maintainability of the code.
* Good experience in SQL/Oracle
* Executed the Test Cases, analyzed the actual results against the expected results to each GUI objects.
* Performed web services/API testing manually using Postman and automated those API.
* Participated in requirements reviews, design reviews, test plan and test case review.
* Modified test plans in accordance with changing requirements.
* Tested The Mobile Applications on Windows and Mac
* Created and executed SQL statements to verify the data in the backend.
* Involved in Sprint Demo meeting, Sprint Retrospective, Scrum, and other team meetings.
* Tested independent and dependent modules individually and prepared Test Matrix to keep track of the requirements and the test cases.
* Worked in Agile (Scrum) Mythology approach.
* Designed and developed Test cases for TDD and Behavioral Driven Development (BDD)
* Performed sophisticated Regression, Functional, User Acceptance and Integration Testing
* Developed Automation Test Framework using Java, Selenium Web Driver, Test NG
* Maintained defects in JIRA and prioritized the level of defect according to business impact.
* Used Jenkins and GIT for continuous integration and distributed version control.
* Tested GET, POST, PUT, PATCH Rest API's and Web services using Postman, Rest Assured
* Work closely with Test Lead during the Software Testing Life Cycle (STLC) by ensuring full test coverage of the assigned test cases.

**Environment**: Test Driven Development, TFS, Selenium, Behavior Driven Development, Java, NUnit, TestNG, Specflow, Soap UI, Android Testing, Automation, Appium, iOS, Postman, Test plan, SQL, Azure, AWS, GCP, Agile, Scrum, JIRA, STLC, Jenkins, GIT.

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| **Client: SPRINKLR, India May 2022 – Nov 2022** |
| Role: Senior SDET |  |

# Responsibilities

* Worked on the development of Sprinklr’s Customer Experience Management Software product (Sprinklr Marketing) with many cross-teams to support automation infrastructure.
* Owned and Developed Microservices for SaaS applications using Spring Boot framework and
Dynamo as the backend DB.
* Collaborated with a team of developers, utilizing Git for version control and effective collaboration on codebase.
* Familiarity with CI tools like Jenkins and Version Control tools like GIT.
* Applied comprehensive knowledge of end-to-end web application development to ensure seamless user experiences.
* Developed and implemented comprehensive Test Plans, strategically outlining testing scopes and objectives to ensure robust software quality.
* Managed Testing Tasks and prioritized testing efforts, enhancing the efficiency of the quality assurance process.
* Created detailed Test Scripts, capturing precise testing procedures for various scenarios and use cases.
* Conducted meticulous Mobile Testing on both iOS and Android platforms, ensuring seamless cross device functionality.
* Spearheaded Regression Testing initiatives, identifying and rectifying software inconsistencies to maintain product integrity.
* Conducted thorough Functional Testing, validating software functionalities to meet user expectations and requirements.
* Demonstrated proficiency in writing automation test scripts using Playwright, streamlining testing procedures and minimizing manual effort.
* Executed API Testing to guarantee data accuracy and seamless communication between software components.
* Collaborated closely with development teams to address and resolve identified issues, fostering a collaborative approach to quality improvement.
* Have extensive experience in Appium, Cypress.
* Have worked on API & Performance testing tools like JMeter, Postman.
* Experience in running tests in Browser stack.
* Natural problem solver with a passion for driving solutions and working with other developers to enable test automation and Continuous integration, enjoy executing projects successfully and obsess about product quality constantly.
* Excellent communication, interpersonal and leadership skills. Ability work effectively with multiple teams.
* Open to work on product development with frameworks like React JS, React Native & Node JS.

**Environment**: Test Driven Development, TFS, Selenium, Behavior Driven Development, Java, NUnit, TestNG, Specflow, Soap UI, Android Testing, Appium, iOS, Postman, Shell scripting, Test plan, SQL, Azure, AWS, GCP, Agile, Scrum, JIRA, STLC, Jenkins, ,Framework Developer, Node JS, Java, Spring, REST API, TestRail, Postman, UI/Mobile Automation, API (REST and Service) Automation, Mobile Automation, SOAP API, GIT, Maven, Jenkins, Test, Complete Automation Tool, Playwright, Karate, BrowserStack

**Client: IBM, India Sep 2020 – May 2022**

**Role: SDET – Full stack tester**

# Responsibilities

* Participated in Release Planning, Sprint Planning, Daily Stand Up and Retrospective for Agile/ Scrum
* Analyzed the business and system requirements with QA Team and involved in developing the Test Plan
* Extensively developed the Test Cases to verify the functionality and adherence to the business requirements.
* Developed Test Automation Framework using Java, Selenium, Test NG and Page Object Model concept.
* Developed BDD using Gherkin Feature files and automated them using Cucumber, Web Driver and Java
* Applied test automation framework on CI/CD process using Git and Jenkins
* Wrote Data driven, Cross Browser automation test cases and executed them for Cross browser compatibility using Selenium WebDriver.
* Status reporting and test updating in Team Foundation Server (TFS).
* Tested application for browser compatibility in different browsers: Internet Explorer, Chrome, Firefox etc.
* Created defects in JIRA, assigned them to the responsible person and tracked until they are fixed.
* Wrote and executed SQL Queries.
* Performed Regression Testing for every modification in the application and new release.
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.
* Analyzed the business requirements, developed test plans and created test cases in TFS (VSTS).
* Worked existing Selenium Automation Framework Java using Data Driven Testing.
* Validated data stored in Microsoft, Azure SQL Server.
* Experienced in testing framework using Behavior Driven Development (BDD) tools like Specflow.
* Experience creating an automation test framework using Java, NUnit, TestNG etc.
* Wrote Gherkin language test case scenarios in a feature file using Soap UI
* Created and executed SQL statements to verify the data in the backend.
* Involved in Sprint Demo meeting, Sprint Retrospective, Scrum and other team meetings.
* Performed Backend testing using SQL queries to make sure that data entered has been uploaded correctly into the database tables.
* Extensively used SQL statements to query the SQL Server for Data Validation and Data Integrity.
* Excellent verbal and written communication skills to effectively collaborate with   specialized   teams, including   developers, DevOps engineers, product managers, and customer support.
* Experience in running tests in SauceLabs.

**Environment**: Cucumber, CI/CD, Gherkin, SDLC, Data Validation, Test Driven Development, TFS, Selenium, Behavior Driven Development, Java, NUnit, TestNG, Specflow, Soap UI, Android Testing, Automation, Appium, iOS, Postman, Test plan, SQL, Azure, AWS, GCP, Agile, Scrum, JIRA, STLC, Jenkins, GIT, Agile, Scrum, JIRA, STLC, Jenkins, GIT. Selenium Framework, Node JS, Java, Spring, REST API, JIRA, TestRail, Postman, UI/Mobile Automation, API (REST and Service) Automation, Mobile Automation, Python scripting, SauceLabs.

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| **Client: IBM , India**  |  |
| **Role: QA Test Specialist** |

 **June 2018 – Aug 2020**

## Responsibilities

* Created Test plans, managed team members, assigned tasks and conducted meetings.
* Follow Agile Methodology for all the phases of SDLC and interacted with Lead, Business Analyst, Developers and other QA Members during Daily Stand-Up Meeting.
* Actively involved in all stages of STLC (Software Testing Life Cycle).
* Involved in Web Services/REST API Testing using Postman and automated the web services testing.
* Created BDD based automation test frameworks using Cucumber.
* Wrote Gherkin language test case scenarios in a feature file using Cucumber.
* Created and maintained test plan, test cases and automation test documents.
* Extensively automated Regression and Functional test suites by developing test cases and test suites using Selenium WebDriver, TestNG and Java.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Work on software Verification and Validation manually and use Assertions for automation.
* Created checkpoints and synchronization points in the application to deal with timing problems.
* Involved in extensive data validation, back-end testing and querying the database using SQL queries.
* Used Jira to open bugs, create tasks and user stories, initiate change requests.
* Maintained Traceability Matrix to track the requirements to the test cases to ensure complete test coverage in the Jira.
* Effectively Communicated testing status to QA lead, project managers, and teams who are involved in User Acceptance Testing.
* Log defects following the Defect Life Cycle
* Ensure consistent delivery of functional software from sprint to sprint and release to release.
* Uphold excellence in software development practices and procedures.
* Participate in application-level architecture discussions and decisions.
* Develop original and creative technical solutions for ongoing development efforts.
* Prepare software work for QA readiness, including end-to-end tests, unit tests, and automation.
* Support the implementation of moderate-scope projects or major initiative

**Environment**: Cucumber, CI/CD, Gherkin, SDLC, Data Validation, Test Driven Development, TFS, Selenium, Behavior Driven Development, Java, NUnit, TestNG, Specflow, Soap UI, Android Testing, Automation, Appium, iOS, Postman, Test plan, SQL, Azure, AWS, GCP, Agile, Scrum, JIRA, STLC, Jenkins, GIT.

**Educational Qualification**:

Bachelor of Technology in Computer Science, JNTU Jun 2014 – May 2018

**Certifications:**

1. Certified Selenium Professional, V-skills Jun 2020
2. Java: Automated API Testing with REST Assured Sep 2022
3. Elasticsearch Essential Training Aug 2022
4. Performance Testing Foundations     Jul 2022
5. Selenium Essential Training  Jun 2022
6. IBM Cloud Garage Test-Driven Development (TDD)  Sep 2021
7. Microsoft Certified: Azure Fundamentals  May 2021