**Prashanthi Bandapelly**

**QA automation Tester**

[**teja@niktorinc.com**](mailto:teja@niktorinc.com) **+1-860-603-0189**

**Professional Summary:**

* Over 9 years of industry experience in Software Testing (Manual and Automation) with a solid understanding of Test Planning, Test Design, Test Execution, and Defect tracking and Reporting.
* Involved in different phases of Software Testing and Software Development Life Cycle (SDLC) including Agile Methodology (Scrum) and Waterfall.
* Extensive experience in Quality Assurance using Manual and automation tools, including Selenium WebDriver, Cucumber, Test NG, and Cucumber.
* Experience in Data Driven framework, TestNG framework, and Page Object Model in Selenium WebDriver with Java Programming language.
* Experience in banking, finance, health care, and insurance domains.
* Good knowledge of Object-Oriented Programming concepts and Java Programming.
* Experience in performing Functional, Unit, Integration, Black Box, smoke, Sanity, System, Regression, End-to-end, and User Acceptance tests.
* Experience in QA & Testing tasks like bug reporting and tracking, unit testing, GUI testing, and integration testing.
* Experience in Selenium WebDriver API to automate tests on cross-browser and cross-platform environments.
* Designed and executed API tests using Postman, validating RESTful services for various healthcare and financial applications.
* Automated key API test cases and used Postman collections to organize and streamline the API testing process.
* Implemented step definitions in languages like Java or C#, using frameworks like Cucumber to automate test cases.
* Ability to test APIs with complex workflows, as well as web-based user interfaces with multiple fields input choices, and workflow scenarios.
* Experience in Bug Tracking and Reporting Using the Bug Tracking Tool Quality Center/ALM.
* Good experience in reviewing Business Requirement Documents (BRD) and Software Requirement Documents (SRD), test cases, and their execution, also coordinated with developers for fixing defects.
* Design the scripts for all the scenarios that are in scope and customize each script with logical enhancements
* Proficient in writing and executing SQL queries to perform back-end testing.
* Verified data integrity by back-end testing of the application by writing SQL queries.
* Executed SQL Queries and made sure that values entered in the front end were stored successfully in the appropriate data.
* Conducted end-to-end testing of API workflows, ensuring that APIs integrated properly with frontend and backend systems.
* Participate in Agile/Scrum ceremonies, such as sprint planning, stand-ups, and retrospectives, to provide feedback on testing progress and challenges.
* Good communication, collaboration & team building.
* Strong team player with excellent communication Skills.
* tasking, and time management skills and show flexibility, quick learner, proactive attitude, and an amazing team player.

**Technical Skills:**

|  |  |
| --- | --- |
| SDLC | Agile/ scrum, Waterfall, V-Model |
| Artifacts | Test plan, Test case, RTM, Test Summary Report, Bug report |
| Automation tools | selenium web driver, selenium grid, Jenkins, Cucumber, JUnit, TestNG, Postman, REST API, |
| Framework | Keyword-driven, data-driven, hybrid testing framework, page object model, BDD. |
| Test management | Quality center, JIRA, Zephyr. X-ray, AML, TestRail |
| Programming Languages | java, JavaScript, Python, C#, VB script, HTML, XPath, CSS, Soap, |
| Database | SQL Server, MySQL, SQL |
| Operating systems | Windows, Mac |

**Professional Experience.**

**Humana Health Care – Louisville, KY Jul 2022— Present**

**ROLE: QA Automation Tester**

**Responsibilities:**

* Prepared Test Plans, test Cases, Test scripts, and Test data for the application as well as for the

verification based on the functional requirements and test specs.

* Helped the Test Architect develop and implement a hybrid test framework
* Developed automation scripts using Selenium WebDriver, Eclipse, TestNG, and Java.
* Developed a re‐usable function using TestNG for the Test Automation.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG.
* Extensively used XPATH, Regular expression, and classes to perform UI actions.
* Exported output/reports for all automated testing results.
* Used XPath and DOM to work with dynamic and static objects in Selenium.
* Responsible for Integrating Selenium Tests with Jenkins for Continuous Integration.
* Worked on creating a test case for the Object ‐driven framework for Selenium WebDriver.
* Involved in automating test cases using Selenium WebDriver with TestNG.
* Performed Integration and Regression testing to check the compatibility of new functionality with the existing functionalities of the application using Selenium.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Set up the Automation framework using Selenium WebDriver to test cases in multiple browsers and platforms.
* Designed and executed manual and automated API tests using Postman to validate various RESTful API endpoints.
* Created comprehensive test cases for API requests, including GET, POST, PUT, DELETE, and PATCH methods to ensure proper communication between systems.
* Developed and maintained BDD test scripts using Cucumber in Java, ensuring clear and readable test scenarios aligned with business requirements.
* Collaborate with stakeholders, including business analysts and developers, to understand requirements and translate them into Gherkin-based BDD scenarios.
* Write clear and understandable feature files in Cucumber, ensuring test scenarios align with business requirements and cover all critical functionality.
* Regression test cases were automated using Selenium WebDriver.
* Coordinated with developers and reported defects in JIRA to track until they were resolved.
* Performed Regression testing on new builds, and every modification in the application using Selenium WebDriver.
* Ability to test APIs with complex workflows, as well as web-based user interfaces with multiple fields input choices, and workflow scenarios.

**Environment**: Selenium WebDriver, Java, SQL, Jira, Eclipse, XPath, HTML, Oracle, windows, and mac

**Athena Health Care - Bradenton, FL**  **May 2020- Jun 2022**

**Role: QA Automation Tester**

**Responsibilities:**

* Analyzed the Business Requirements Document, put input in the Test Plan, and prepared detailed Test Cases for new functionality.
* Associated with the development team to understand technical design and architecture for test planning.
* Performed Data-driven testing using Selenium WebDriver, TestNG functions, and JDBC Connections which reads data from scripts using property and XML files.
* Regression test cases were written and automated using Selenium WebDriver.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI, and in the testing, environment using Selenium WebDriver.
* Utilized Selenium WebDriver API and TestNG to develop the framework.
* Execute manual BDD scenarios for complex test cases and validate the correctness of business rules in various user scenarios.
* Used Maven for building the WebDriver project. Integrated with Continuous Integration tools Jenkins for running tests regularly and automatically.
* Responsible for creating and maintaining automation acceptance test suite using Selenium, Ruby, and Cucumber framework. Also responsible for converting automation scripts to new frameworks using Selenium WebDriver, Java and TestNG.
* Implement step definitions in languages like Java or C#, using frameworks such as Cucumber to automate test cases. Automated repetitive API tests using Postman’s collection runner and integrated with Newman for continuous testing.
* Set up environment variables and global variables in Postman to dynamically generate test data for API requests.
* Developed Postman scripts using JavaScript to handle pre-request scripts and test assertions, ensuring response payload validation, status codes, and performance.
* Developed data-driven test scripts to check the same functionality with multiple sets of data.
* Prepared Traceability Matrix to ensure adequate coverage of the test cases.
* Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive SQL queries.
* Uploaded test cases executed test cases and logged defects in Mercury Quality Center.
* Attended, discussed, and submitted the work progress report of the week to the Project Manager.
* Successful discussion with all members, Project manager, and QA Lead to collect data for automation.
* Designed and implemented a robust automated testing framework using Squish for a Class II medical device, reducing manual testing efforts by 40% and increasing test reliability.
* Written verification plans/protocols and executed formal testing in a regulated industry, medical device/surgical robotics preferred.
* Extensive experience in testing medical and robotic devices, ensuring compliance with regulatory standards.

**Environment:** Selenium IDE, WebDriver, java, Jira,

**Bank of America – Richmond, VA**  **Nov 2018-April2020**

**Role: QA Automation Tester**

**Responsibilities:**

* Experience developing Test Plans, Test Strategies, Test Cases, Test Matrixes, Requirement
* Traceability, Test Reports, and documentation of Manual and Automated Tests.
* Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor, and test applications and environments.
* Implementing monitoring and reporting solutions across a range of environments and platforms
* Setting up and introducing Continuous Deployment processes and advising on best practice
* Experience database querying, data manipulation, and population using SQL &amp; PL/SQL in Oracle and SQL
* Server
* Experience in developing Test Cases for Functional, Integration, System, GUI, and Regression
* testing independently.
* Strong knowledge of and experience with the Scrum method of Agile software development.
* Experience in preparing a Traceability matrix between requirements and Test cases.
* Played a key role in implementing Agile QA testing processes.
* In-depth knowledge of data analysis, database design, Oracle SQL, and SQL testing
* Experience in testing applications using automated testing tools like Selenium#, REST, and Postman.
* Working with DevOps to support the automation efforts operationally
* Experience in developing Data Driven and Test-Driven framework.
* Experience in Assisting Developers to find the Possible Root Cause of the Bugs.
* Proficiency in Defect management, including Defect creation, modification, tracking, and reporting.
* Experienced in Version Control tools like Git &amp, and Visual Studio Team Foundation server.
* Performed Positive &amp, Negative Testing and End-to-End testing.
* Good at communication and interpersonal skills backed up by sound professional ability to work independently as well as as a team member, in a dynamic/multi-task environment.

**Environment**: Java, Selenium WebDriver, TestNG, Eclipse IDE, Cucumber, Web Services, Firebug, JIRA, SQL, Windows.

**Paycor Inc -** **Cincinnati, Ohio**  **Mar 2016 - Aug 2018**

**Role: QA Analyst**

**Description**: Paycor provides small and medium-sized companies with intuitive, cloud-

based onboarding, HR, payroll, and timekeeping software to enable.

businesses to be more efficient and to make smarter decisions about their people and processes.

**Responsibilities:**

* Preparing Test Plans and Test Cases based on the function specifications.
* Involved in accessibility testing.
* Review of requirements with business analysts and technical specialists.
* Analyzed the application and performed Black Box and end-to-end manual testing.
* Planned, coordinated, and monitored project levels of performance and activities to ensure project completion on time.
* Used Test Director bug tracking tool as the test repository for executing the test cases and scripts and logging and generating various reports and graphs for further analysis and also to follow up with the development team to verify bug fixes and update bug status.
* UI Specifications and framework design.
* User Interface Testing to verify the functionality of various systems.
* Backend testing using SQL queries.
* User Acceptance (UAT), Integration, System and Regression Testing
* User acceptance testing (UAT) leading, mentoring, and assisting business users from the client.
* Repairing UAT test plan and Test cases.
* Coordinating UAT-testing effort between project managers, development lead, and the end client.
* Testing of XML files
* Wrote SQL queries in T-SQL for SQL Server.
* Writing SQL queries in Oracle including joins and clauses
* Reviewing PL/SQL scripts and Unix Shell Scripts for data fixes
* Automating the Regression Testing after every version change of the application using QTP.
* Automated test scripts for Functional, GUI validation, and driven testing using Selenium

**Environment:** Java, Selenium web Driver Selenium IDE, Eclipse, XPath, SQL, oracle, windows.

**STEWART TITLE INSURANCE – Chicago, IL May 2015 - Feb 2016**

**Role: QA Manual Tester**

Stewart Loan Services (SLS) provides loan processing services to lenders and brokers. Services are available in a competitively priced bundle. Web-based application designed as a managed solutions partner (MSP) to help title agents take advantage of the latest technology at decreased costs. Operating from a state-of-the-art data center, SSL eliminates the requirement for customers to host & maintain mission-critical applications.

**Responsibilities:**

* Applying, developing, and maintaining quality assurance standards, techniques and procedures.
* Works with a team to develop software applications from inception through completion.
* Define high-level test plans, create test cases, and execute them (both manually and

automatically) for functional, integration, system, and regression testing.

* Investigate and analyze test results to find out the root causes of failures by debugging system, application, and server logs.
* Write complex SQL queries to verify data flow between multiple components and systems.
* Conducting root cause analyses and process improvements to drive defect prevention.
* Researching tools, methods, and technology trends to support departmental test automation objectives.
* Participating in ongoing process improvement efforts to ensure test automation is promoted and applied effectively across multiple teams.
* Proactively managing changes in project scope, identifying potential crises, and devising contingency plans
* Communicating project status and plans and anticipating delays and obstacles.
* Collaborating with other teams to manage internal and external timelines and deliverables.
* Providing subject matter expertise to the team on various technical and business topics
* Participating in software development and supporting process improvements.
* Good at communication and interpersonal skills backed up by the sound professional ability to work independently as well as as a team member, in a dynamic/multi-task

**Environment:** Selenium WebDriver, Java, Junit, SQL, Jira, Eclipse, XPath, HTML, Oracle, windows, mac

Reference: will be provided on request.