**Sarah Jones**

**PROFESSIONAL SUMMARY:**

* 8+ Years of Industry experience in Software Testing (Manual and Automation) with a solid understanding of Test Planning, Test Design, Test Execution and Defect Reporting & Tracking
* Excellent experience in automation of Web-based, Highly transactional and large Client/Server/Multi-tier applications.
* Expertise in Understanding and Analyzing Test Requirements, Tracking changes and maintenance of Test Requirements.
* Well acquainted with all phases of SDLC and STLC.
* Writing Test cases using Element locators, WebDriver methods, Java programming features and TestNG Annotations.
* Executing Selenium Test Cases and Reporting defects.
* Experience in Data Driven Testing, Cross browser testing and Parallel Test execution using Selenium WebDriver, TestNG and selenium Grid.
* Proficient in Test Automation using UFT (Unified Functional Testing) Formerly QTP and Selenium Tools.
* Excellent experience of HP automation tool QTP and VB Script language.
* Strong Experience in Automating Web Application Testing using Selenium WebDriver with TestNG framework.
* Hands on experience in test driven development (TDD), Behavior driven development (BDD) and acceptance test driven development (ATDD) approaches.
* Strong Experience in Java Programming, Selenium WebDriver, JUnit and TestNG.
* Well versed with Handling Elements in Selenium WebDriver.
* Expertise in implementation of Automation framework using Selenium.
* Involvement in Test Estimations and Test strategy implementation.
* Experience of Agile software development methodology using Scrum.
* Experience in reviewing and editing proposed guidelines for object oriented analysis and design using the UML.
* Proficient in devising all the artifacts of testing such as Test Scenarios, Test Cases, Defect Reports and Test Summary Report.
* Experience on automation platforms like Selenium, Unit, TestNG and mechanisms to build tests for Continuous integration using Maven and Jenkins.
* Experience of **Defect/Test Management tools like** Atlassian **JIRA,** Quality Center/Test Director, Bugzilla.
* Extensively used automated test tools like Win Runner and QTP for Functional and Regression Testing.
* Extensively worked on performance testing tools like JMeter.
* Familiar with regression testing, UAT (User acceptance testing), Integration testing, Unit Testing, Smoke testing, Functional testing etc.
* Experience in understanding the code written in different programming languages like Java, SQL and databases like oracle, SQL server.
* Strong skill in Backend Testing using SQL queries on Oracle and SQL Server.
* Experience in Manual Testing, defining test cases, developing and maintaining test cases, and documenting all phases of the QA process.
* Experience of interacting with the Customer and Developer team on daily basis for fixing Open, re-open bugs on daily basis.
* Experience in executing and testing of client server architecture, web and mobile based applications.
* Experience in manual and automated testing of REST API.
* Experience working with HP ALM, Atlassian JIRA and ServiceNow.
* Actively participated in Joint Application Development (JAD) and Joint Application Requirements (JAR) sessions with users, stakeholders, system analysts and development team.
* Self-motivated, energetic and highly ethical in all work-related assignments thus able to immediately contribute to corporate goals and objects.

**TECHNICAL EXPERTISE:**

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| --- | --- |
| Methodologies | Scrum. Waterfall – Scrum, SAFE and Waterfall |
| Testing Tools | Selenium, Web driver, Grid, Test NG, Jenkins, Eclipse, UFT/QTP, TFS, Load Runner, Cucumber, JMeter |
| Requirements Management | MS Office, Atlassian JIRA, CA Agile, TFS, SharePoint |
| Languages/Web Technologies | Java, J2EE, SQL, PLSQL, XML, XSD Angular JS, HTML, CSS, JavaScript, SOAP API, Restful API, Spring, JSP, JSF,Python |
| Database | MySQL, Oracle 9i, 11g and 12c, SQL Server 2008/12 |
| Bug Tracking Tools | ALM/Quality Center, Clear Quest, TFS, JIRA, Bugzilla, MS Excels, ServiceNow |
| Operating Systems | Linux, Windows 98, UNIX, Windows 2000, Windows XP |

**PROFESSIONAL EXPERIENCE:**

**Client: JPMorgan Chase, Houston,TX June 2016 – Till date**

**Role:Senior QA Automation Tester**

**Description:**

JPMorgan Chaseis one of the leading banks in the USA. The customers now have broader access to an easy, safe and fast way to pay other individuals through Zelle network. The money can betransferred between accounts regardless of bank affiliations for free and can be withdrawn in minutes.

**Responsibilities:**

* Involved in Test Plan Preparation and Requirements Streamlining.
* Created and maintained the Requirements definition documents that included Business requirements and Functional requirements.
* Created UAT test scripts for application ServiceNow, the application helps organizations transform the way IT delivers business value to end-users.
* Involvement in Preparation of Test Procedures, Test Scenarios, Test cases and Test Data.
* Developed Keyword Driven and Data Driven frameworks to retrieve test actions, test data from Excel files and SQL Databases.
* Involved in Test Execution, Results Analyzing and Defect Reporting.
* Involved in Automation Infrastructure Development using Selenium.
* Created Test Cases Using Element locators and Selenium Web driver methods.
* Performed Backend testing to verify the data integrity by passing SQL Queries.
* Enhanced Test cases using Java programming features and TestNG Annotations.
* Execution of Selenium Test cases and Reporting defects.
* Developed scenario based testing for the JMeter scripts
* Involved in querying using SQL and updating records and validate database records.
* Documented defects and evaluated priority of defect based on overall application functionality
* Conducted Data driven testing, cross browser testing and parallel test execution.
* Enhancing the Test Scripts for Global Execution.
* Triggered the automation jobs using Jenkins to get the cucumber JSON reports.
* Involved in creating automation test scripts using selenium, cucumber built on Eclipse IDE.
* Created Requirements Traceability Matrix to ensure comprehensive test coverage of requirements.
* Performed Test Execution for various stages/phases.
* Verified accuracy and validity of REST services by creating test cases and plans.
* Involved in solving Environmental problems along with Technical Support People.
* Participated in Using of Groovy scripting for writing the test cases in SOAPUI tool.
* Performed API Level testing for Web Services, enhanced the Test harness and developed many Test suites using XML and Python
* Used SOAPUI for validating the test cases.
* Wrote automation and performed Web, API, UI, functional, regression, performance and end-to-end testing.
* Documented test artifacts including Test Cases, Test Plans in the Test Case Management System.
* Participated in performing Functional and Non-Functionality Testing.
* Validated SOAP response using various Assertions such as XPath, Contains, SOAP Fault, Schema Compliance etc.
* Identified test cases to automate the test cases using Selenium Web Driver and Java and Contributed in creation of framework.
* Demonstrated troubleshooting skills for isolating issues.
* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.

**Environment** Java, J2EE, Selenium IDE/WebDriver/ GRID, Web Services,Cucumber, JMeter,SOAP, SOAP UI, REST, TEST NG, Agile Methodology, ServiceNow, SQL.

**Client: ZIONS BANK, Salt Lake City, UTAH April 2015 - May 2016**

**Role: Selenium Tester**

**Description:**

The project is a web-based application which automates the banking feedback process. The application provides bankers with more specific choices. It allows the group administrator to monitor the entered feedback and add comments and resolutions to it. Once they enter the resolution, email will be sent to the Sales bankers and their supervisors automatically.

**Responsibilities:**

* Worked closely with the QA manager, developers and QA engineers to understand needs, preferences, workflows, priorities, and schedules and to execute test strategies.
* Prepared Requirement Traceability matrices for New Business Module
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Agilemethodologies.
* Involved in Test Design includes Test Data preparation and Reviews.
* Involved in Automation Environment setup using Eclipse, Java, Selenium WebDriver jars and TestNG.
* Designed Test Cases Using Selenium Web driver and TestNG.
* Enhancing the Selenium Test cases for Cross browser testing.
* Prepared and executed of test scripts using JMeter and SOAP UI tool to perform Web Services testing.
* Involved in solving Environmental problems along with Technical Support People, especially in Sever Connections and Database sharing issues.
* Involved in Regression Testing using Selenium.
* Participated in weekly QA status and project status meetings to report any defects and issues encountered in application
* Utilized black box and white box testing strategies.
* Interacted with users by conducting User Acceptance Testing (UAT) to ensure that the total functionality of the application was met by complying with all the business requirements.
* Actively communicated with the end users and business users to create realistic test cases.
* Reviewed system requirements and track quality assurance metrics (e.g. defect densities and open defect counts.)
* Involvement in Automation Environment Setup Using Eclipse, Java, Selenium WebDriver Java language bindings and TestNG jars.
* Developed and Managed Continuous Integration and deployment of applications using Jenkins.
* Participated in production deployments to validate quality and success of the release.
* Created and maintained test inventory using ALM.
* Managed test environments, developed and documented processes, and maintained test libraries.
* Produced positive and negative test cases and scripts for technical and business clients.
* Developed and maintained Performance Testing test plans, business processes, test data, test scenarios, and other Performance testing related documentations.
* Maintaining the test cases in JUNIT and TESTNG updating them as new functionality is implemented.
* Performed End-to-End testing of the entire system after the implementation of functional enhancements.

**Environment**: Java, J2EE, Selenium IDE/WebDriver/ GRID, Web Services, SOAP, SOAP UI, REST, TEST NG, Agile Methodology, SQL, Oracle.

**Client: COMCAST, Philadelphia, PA January 2014–March 2015**

**QA Analyst/Automation Engineer**

**Description:**

The project is to enhance a web based Payment Application that enables users to pay their bills online, to generate a reference number for each transaction, to maintain transaction history.

**Responsibilities:**

* Involved in the development of system testing strategies, plans, cases and conditions to ensure processes and products meet standards.
* Developed the System Test Plans, Test Scripts and Test Cases using software specifications document.
* Analyzed the product requirement documents and detailed design, functional documents.
* Designed the test automation framework and identified regression scenarios.
* Automated the regression test cases using Quick Test Pro.
* Executed test cases at black boxand white box levels.
* Most of the test cases/scripts were split into many reusable actions within the scripts.
* Created repeatable user defined functions and stored them as function libraries
* Maintained and updated the scripts for every release either by updating the object property value for a specific object or by adding new objects to object repository.
* Developed Automated Scripts using Quick Test Pro for Functionality and System Testing.
* Utility functions were written as part of external library.
* Prepared test data and test results (input/output files) for data driven method.
* Executed the action based scripts from Quality Center.
* Prepared both action based and component based scripts using QTP.
* Component based scripts were stored in Quality Center.
* Required to use descriptive language at certain situations to complete the scripts.
* Parameterized the tests by entering different sets of data using QTP.
* Reported defects using Test Director to the development team and followed up for the defects.
* Used check points and output value to check and retrieve values respectively.
* Experienced in trouble-shooting various problems during design & development phase of automationscripts.
* Prepared User Manual for the test automation suite and enhanced the scripts for next 3 releases.
* Participated in the team meetings to discuss the issues arising out of testing.
* Involved in user acceptance testing, maintaining quality procedures, and ensuring that appropriate documentation is in place.

**Environment**: QTP/UFT, Quality center, VB Script, Windows, MS Office tools, SQL Server, HTML, XML

**Client:Bank of America, Hyderabad, India February 2012 – November 2013**

**Role: QA Analyst**

**Description:**

Bank of America developed a comprehensive loan origination process beginning with the customer initiation to the title transfer. The system performs all the business functions of the loan process such as credit request, credit underwriting, loan approval, facility booking, and credit administration processes through the entire development process.

**Responsibilities:**

* Involved as a Test Engineer in testing team.
* Worked closely with the Development and Business teams to gain understanding on System requirements and detailed design of the application
* Identify manual test cases for Test Automation
* Created the QTP Automation framework.
* Create Manual test cases based on the test plan and requirements documents.
* Execute Manual test cases & analyze results.
* Managing / tracking / documenting defects using Mercury Quality Center.
* Involved in System and Regression testing.
* Conducting code and quality reviews
* Developed reusable scripts and functions using Quick Test Professional
* Handled Functional, System, and Regression testing.
* Reviewed and verified test cases for functional and system testing.
* Handle Bug report with Excel using bug life cycle.
* Involved in Smoke, Functional, GUI, System and Regression testing.
* Preparing Test summary reports and Weekly Status Reports
* Sending daily status to Test Lead.
* Involved as a Test Engineer in testing team.
* Handled BVA and ECP Techniques to prepare the Test Data
* Handled Functional, System, and Regression testing.
* Reviewed and verified test cases for functional and system testing.
* Handle Bug report with Excel using bug life cycle.

**Environment:** QTP, Quality center, VB Script, Windows, MS Office tools, SQL Server, HTML, XML.

**Client: Sapient** Corporation, Hyderabad, India **September 2010 –January 2012**

**Role: Java/UI Developer**

**Description:**

Sapient is a global services company that helps clients transform in the areas of business, marketing, and technology. This application has been developed for a reseller application. This project was to develop a web site, which is e-commerce compliant.

**Responsibilities**

* Extensively involved in gathering requirements, development through integration, and release phases for all the major application components.
* Responsible for preparing use cases, class and sequence diagrams for the modules using UML.
* Developed the Graphical User Interface using HTML, JQuery, JavaScript, CSS, JSP, JSTL, JSON and Dynamic GUI using AJAX.
* Used Spring MVC design pattern for developing the web component and used hibernate as Data access layer for accessing the data from Oracle database.
* Designed and developed RESTful service interface using Spring MVC to the underlying customer event API.
* Configured Java application with spring, Hibernate and Service layers.
* Developed AJAX calls for implementing Parent-Child relationships in the front-end layer.
* Implemented J2EE Design Patterns like Singleton and MVC for the integration of application modules.
* Responsible for ensuring all work delivered by development is of quality and adheres to best practice and industry standards.
* Developed Front End XMI models and GWT clients.
* Implemented Test cases using JUnit and Tested web services with REST Client.

**Environment:** Spring 3, Hibernate, JSP, JSF, HTML, JSTL, JSON, Web Services, XML, AJAX, JavaScript, Java 1.5, Oracle10g, WebLogic 10.3, RESTful Webservices

**Client: Zensar Technologies, Hyderabad, IndiaJuly2009 - August 2010**

**Role: UI Developer**

**Description:**

The Scope of the project is to build an interactive Web Portal where Credit Card holder can login, pay balances, report lost or stolen cards, request credit line increase, address change, get rewards information and option to talk to line agents for assistance.

**Responsibilities:**

* Gathered and analyzed all necessary requirements by involving in discussion sessions.
* Co-ordinate with BA group for better understanding of functional requirements, Analyze and Design the business requirements to document and implement.
* Design and development of web pages using PHP, HTML, CSS including Ajax controls and XML.
* Involved in writing the properties, methods in the Class Modules and developed web services using HTTP.
* Played a vital role in defining, implementing and enforcing quality practices in the team organization to ensure internal controls, quality and compliance policies and standards.
* Used JS for custom client-side validation and DOM manipulations.
* Analyzed and created Stored Procedures, Functions, Triggers and Packages.
* Created database triggers to implement business rules and writing stored procedures.
* Created migration document and supported the migration of packages and objects to production environment.

**Environment**: PHP, AJAX, HTML, CSS, MySQL, JavaScript, Bootstrap, DOM and Windows XP

**Education:**

Bachelor of Technology(BTech)from Jawaharlal Nehru Technological University

Computer Science Engineering.