**Vikram Sharma  
510-857-9496**[**Vikram.sh26@gmail.com**](mailto:Vikram.sh26@gmail.com)

**Summary:**

* Over 6+ years of experience in Automation Testing using Selenium framework, Core Java, Web Services Testing using SoapUI and Groovy Scripting.
* Great expertise in testing web services via SOAP, using the open source testing tool SoapUI
* Involved in testing HIPAA EDI Transactions and mainly focused on PA and Eligibility Transactions like - 270,271,276,278,834, 835, and 837.
* Extensive knowledge in Requirement Gathering Analysis through user interviews, workshops and existing systems documentation and procedures.
* Specialized in Manual and Automated Testing of Client/Server based Applications and Web based Applications using Selenium Ide. Selenium RC, Selenium WebDriver, WinRunner and Test Director and Quality Center, Jira.
* Proficient in interacting with business users to identify information needs and initiating process changes and creating Use Cases, Use Case diagrams, Activity Diagrams, Class diagram, Sequence diagram based on UML methodology using tools like Rational Rose and MS Visio
* Proficient with HP QTP/UFT, HP ALM, Quality Center and well versed with Performance center, Load Runner, Selenium, JMeter, Test Complete, Eggplant, Perfecto Mobile, MS visual studio, Test Manager Visio and Rational Tools.
* Experience in developing end to end automation using Selenium WebDriver /RC/IDE/Grid, Quick Test Professional, Junit/TestNG, ANT, Maven, Jenkins, Hudson, Jbehave, Cucumber, Web Services (REST, SOAP).
* Having good experience in Agile (Scrum) methodologies.
* Experience in conducting Joint Application Development (JAD) sessions for requirements gathering, analysis and design.
* Hands-on programming experience with MS technologies including .Net Framework, C#, ASP.NET, Web Services, Selenium, Cucumber, Ruby SQL Server, T-SQL, IIS and Visual Studio 2010.
* Developed automated Test Scripts using QTP, Performance center and Load Runner, automated various Business Flows for the applications.
* Experience in working with QTP descriptive programming.
* Extensively worked with SOAP Web services testing by creating Test Steps like Data Source, Property transfer, Request, Response and Business logic by Groovy Script using SOAP UI.
* Proficient in different phases of Testing like Test Planning, Requirement Analysis, Test case Design, Execution(Black Box Testing, White Box Testing), Defect Management and Test Closure.
* Strong  Manual testing experience in WhiteBox, Blackbox, Regression,Performance and Functional testing.
* Experienced on working with Big Data and Hadoop File System (HDFS).
* Assisted in managing and supporting QA testing environments (Linux servers) that run Oracle, MySQL, Apache, Tomcat, and custom services.
* Good Understanding of programming languages like TCL, PERL, JavaScript, Ruby, PL/SQL, and defect tracking tools such as rational clear case, TFS, Jira, Caliber and Bugzilla.
* Well versed in Quality Control and Quality Assurance, SQL Server environment, and Parasoft SOA testing
* Strong web services/SOA testing experience and tested web services using SoapUI.
* Generated Traceability Matrices to ensure that all the requirements are covered by the test cases.
* Performed automation testing on the application using QTP (Quick Test Pro).
* Strong knowledge of Hadoop and Hive and Hive’s analytical functions.
* Expertise in UNIX platforms. (Solaris, and Linux).
* Created test scripts for the functional interface of modules using VB Script on QTP.
* Creating Work Breakdown Structures (WBS), Project Schedules and Project Timeline
* Well versed in documentation of Business Requirements Documentation and System Requirement Specification (SRS).
* Developed and maintained test data for every build, new functional enhancement and for QTP Script developed.

**Technical Skills Inventory**

|  |  |
| --- | --- |
| **Methodologies** | Waterfall, RUP, Agile, UML |
| **Modeling Tools** | Web Driver, QTP, SOAP UI 3.5(WebServices), Jmeter, Load Runner, Mercury-Quality Center,Junit, Jbehave, Cucumber |
| **Automation Tools** | HP/Mercury Selenium IDE, BPT ,Quick Test Professional, Load Runner, Win Runner, Jmeter. |
| **Testing and defect tracking Tools** | Rational Robot, Rational Clear Quest, Rational Clear Case, Quality Center**,** Win Runner, Load Runner, and Quick Test Pro (QTP) |
| **Project Management Tool** | MS Project, Business objects, Cognos. |
| **Operating System** | Windows Vista/XP/2000/98/95, Dos, Unix, Linux |
| **Integration/ Middleware Tools** | TIBCO, STERLING-GIS, PERVASSIVE |
| **Languages** | JAVA, JAVA Script, .Net, VB, COBOL, C, C++ |
| **DBMS** | MS SQL Server 2005/2000, Oracle, MS Access 7.x, PL/SQL |
| **Web Technologies** | ASP, .CSS, HTML, DHTML, XML |

**Experience Details**

***Client: Virgin Mobile, Warren, NJ Nov- 2013- Jan 2015***

***Sr. QA Automation Tester***

The project goal involved testing of divide payment method of Virgin Mobile application for different methods of payment with credit card, cash, debit card, gift card with partial payments, and multiple orders with divide payments for all customer transaction. Payment can be cancelled before activation and pay again to fulfill order. Customer gets e-mail alert of payments, cancelled payments with all full information. Application has JAVA GUI with Oracle on UNIX. Application system testing involved heavy SQL validation, business rules, UAT involvement in each releases

**Responsibilities:**

* Interacted with Business Team, Business Requirement Gap Analysis, Customer Experience and Impact Analysis of application.
* Contributed to and monitors test planning, test preparation and scripting, and test execution according to defined best practices, standards and procedures.
* Interfaced regularly with peers and management regarding test related topics including the coordination of test related initiatives with QA Test Leads, Project Managers, Development Managers, and other QA Core team members.
* Assessed risk to quality service based upon results of verification and validation. Monitor adherence to established test standards and procedures. Standardized QA Process using Testing Methodology and  involved in Process Improvement.
* Performed in Back End Testing and use of UNIX Utilities like awk, grep, sed, vi, network, process, file level, directory level,automation with Shell Scripting in data file validation testing. (Unix Log File Testing, Process validation, running process in background, etc.).
* Managed verification and validation activities for production modifications inproduction enhancement, interact with user support in production testing.
* Involved in setting up configuring the testing environment with Eclipse, Junit, and Selenium RC and Selenium Java client driver.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /Junit).
* Maintained document template libraries and internal project documentation like QA Test Plan, Local procedure, QA Test Results, etc.
* Organized and/or facilitate team member training sessions in each new application to implement process.
* Responsible for the design, development and maintenance of test automation framework to support automated performance/stress/load testing using Load Runner
* Using JMeter for load testing.
* Used JIRA for bug filing and bug triage.
* Participated in both internal and external process improvement projects like QA, SIT, UAT Testing with business & Marketing and External Vendors team.
* Involved Project Management action like Test planning with LOE, test estimation and resource plans, Set up test environment
* Skilled with testing tools like Quality Center and third party toolToad.
* Oracle Database 11g to validate data testing in back end using SQL script using Oracle functions.
* Developed automation test scripts for regression testing on the application using QTP and Selenium

**Environment:** Selenium RC, Java, .Net, Python, Perl, Test NG,Groovy, HP Quick Test Load Runner, Eclipse IDE, Perforce, Firebug Oracle 9i/Oracle 10g, PLSQL, XML, HTML, DHTML,SOAP, JMeter, Agile Scrum, SQL, Jbehave, MySQL, Cucumber, Quality Center, JIRA, Linux,Windows XP

***Client: United Airlines, Los Angeles, CA Sep- 2011 - Oct 2013***

***Sr. QA Automation Tester***

This Application is for airline ticket booking. Customer can sit at home and book any air ticket. The online procedure of ticket booking is very simple. You just have to use this software, follow some steps of Booking and after making online payment, you book your tickets. It also provides great deal of services such as early check-in and easy cancellation methods. All the payment is done through Payment Gateway. Since the Airline reservations system is developed in multiple phases, I played a major role in conducting manual, regression and ad-hoc testing numerous times including security testing of the application.

**Responsibilities:**

* Did a thorough walkthrough of business requirements and prototypes with Business Analysts, Code reviews with development team and got a good grasp of requirements, functionality of the airline system.
* Developed test cases by reviewing the requirement documents.
* Mapped the test scripts to the functional requirements in Quality Center. Identified Test Data by querying and created Test scripts for SIT, Regression and UAT
* Conducted the Functional, System, Integration, Regression, performance, UAT and Smoke Tests for various phases of this application.
* Involved in creation of automation framework in Selenium Web Driver using behavior driven approach like Jbehave, Cucumber. Parameterized test cases using different annotations.
* Worked on Automation Framework called TAF for Selenium Web Driver in Java.
* Utilized Load Runner for performance testing to analyze the response times of the business transactions under load
* Created the UAT Plan and test scripts and participated in UAT.
* Automate the major functionalities of the application and the bugs reported using Jmeter.
* Created Java based scripts for Selenium Web Driver with TestNG as Test case frame work.
* Execution of Manual Test scripts and responsible to track and log the defects using QC.
* Responsible for data analysis, report validation and functional testing.
* Experience in testing web services API using tools like SOAP UI and groovy or Java scripting languages.
* Automation test with QTP record and playback, data driven the scripts.
* Focused on creation and execution of TestNG tests with Java/TestNG and Selenium. Developed white-box tests in for the product.
* Created data-driven automation scripts for testing API Web Services using SOAP UI and Groovy.
* Responsible for Manual testing of both web and stand-alone applications (Agile/Scrum development)- majority testing: System Testing, Function Testing, Integration Testing.
* Analyzed the Batch Process, Work-flow behavior and SOA/ Web Services testing using SoapUI.
* Experienced with different software development models like AGILE - Scrum, and Waterfall.
* Worked closely with Technical Project Managers and Development Team in defect tracking, re-testing and validation.
* Verified bug fixes and tested all impacted modules in application. Coordinating with other team members and providing status to project manager.
* Executed various test scenarios and monitored the system behavior under load in Load Runner.
* Created UAT documentation to be used by users.
* Ensure Requirements Coverage with Traceability Matrices

**Environment:** Selenium RC, Java, .Net, Python, Perl, Test NG,Groovy, HP Quick Test Load Runner, Eclipse IDE, Perforce, Firebug Oracle 9i/Oracle 10g, PLSQL, XML, HTML, DHTML,SOAP, JMeter, Agile Scrum, SQL, MySQL, Jbehave, Cucumber, Quality Center, JIRA, Linux,Windows XP

***Christus Health, TX Apr-2009-Jul-2011***

***QA Automation Tester***

**Project Descriptions:**

The Pharmacy Management System aims at providing robust computerized system for maintaining the transactions of medical distributors and to provide user-friendly interface, which can be easily dealt by people who does not have much knowledge in computers. The interface is provided with relevant controls and names right from login screen till to the report generation screen. Three modules are present in this project such as Purchase Orders, Drug Sales and Maintaining Stock.

**Responsibilities:**

* Analyzed the Business Requirements Document, put input in Test Plan and prepared detailed Test Cases for new functionality.
* Associated with development team to understand technical design and architecture for test planning.
* 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 Web Driver, Junit, Ant and Jenkins.
* Developed Automation scripts for new enhancements using Selenium Web Driver and Junit.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with Junit.
* Involved in the development of iterative and detailed project management plans and schedules using Agile methodology.
* Development of Unix-based test harnesses for automated regression testing Black Box and White Box to interface to embedded computer 19mm Digital Tape Recorders using the Small Computer System Interface SCSI standard.
* Developed ANT Build scripts to run Sanity Test scripts developed in Selenium Web Driver.
* Utilized Load Runner for performance testing to analyze the response times of the business transactions under load.
* Performed data driven testing of the web service using JDBC Connection. Used Groovy script to do conditional Property transfers for dependent test cases. Involved in Business functionality review meetings. Worked on functionality testing.
* Involved in SOA testing for Payments API's using SoapUI and Java framework for Web Services testing.
* Used MessageExchange and TestRunner Objects in SOAPUI API for Groovy Scripting.
* Logging all bugs /issues/enhancements in HIMS – JIRA.
* Performed Web Services Testing and XML validation by creating test case suite using SoapUI.
* Created whole test framework using Selenium for further test creation and execution.
* Regression test cases were written and automated using Selenium WebDriver.
* Prepared Traceability Matrix to ensure the adequate coverage of the test cases.
* Used Defect Management tool JIRA.
* Connected to database to Query the database using SQL for data verification and validation.
* Performed back end testing on Oracle Database by writing SQL quarries.

**Environment:** Selenium RC, Java, Net, Python, Perl, Test NG,Groovy, HP Quick Test Load Runner, Eclipse IDE, Perforce, Firebug Oracle 9i/Oracle 10g, PLSQL, SQL, XML, HTML, DHTML,SOAP, JMeter, Agile Scrum, Jbehave, Cucumber, Quality Center, JIRA, Linux,Windows XP.

***State Street Financial, Boston, MA Feb- 2008 –Mar- 2009***

***QA Tester***

***Description:***

State Street is a leading financial services provider serving some of the world’s most sophisticated institutions. The application enables the customers to check their portfolios online, get breaking financial news, real time access to accounts, get electronic copies of statements, trade the stocks along with providing real time quote information, etc.

**Responsibilities:**

* Aided application technical design process, developed automated check scripts and executed tests and evaluated test results.
* Involved in testing the EDI transactions 834 and 837. Highly involved in writing test scripts for testing 834 transactions
* Modified the 834 file and then checked if the eligibility enrollment is properly loaded onto Facets
* Tested the SOAP Requests / Responses Messages in SOAP UI.
* Experienced in Automation testing using Selenium and HP Quality Center.
* Validated the Web Services (SOAP), both Request and Response messages.
* Recognized test automation opportunities and analyzed SOA requirements.
* Facilitated test automation team using HP Quick Test Pro (QTP) for regression and functional testing by executing VB script test cases.
* Handled the tasks of assisting senior SOA testers in developing test strategies and in gathering testing requirements
* Performed other essential job responsibilities under the guidance of senior SOA testers
* Designed and developed project document templates based on SDLC methodology.
* Created all Use Cases and UML models using Rational Rose.

**Environment:** Selenium 2, IDE, JUnit, ANT, Quality Center, SAP, HTML, MS Office, Microsoft Excel, SoapUI, REST, MS Word, Internet Explorer, Microsoft outlook, PowerPoint and Visio, QTP 8.6.