**Shiva Kumar Pagadala**

E-mail: shivakumarpagadala3@gmail.com

Contact**:** 201-940-3413

**PROFESSIONAL SUMMARY:**

* Over 8 years of extensive experience in Quality Assurance testing for client-server and web-based applications.
* Strong understanding of SDLC, STLC and QA methodologies which enables me to actively contribute in Requirement Gathering, Test Planning, Test Cases, Test Data Set up, Manual testing, Black box testing, White box testing, and Defect Tracking.
* Versatile test automation tools expertise such as Selenium WebDriver, RC, SOAP UI, QTP, JMeter and JUnit/TestNG.
* Good knowledge in developing Selenium Test Scripts using Java in Eclipse IDE.
* Expert in creating HTML formatted report for Test team using build tool like Maven Surefire Plugin.
* Experience with TestNG Framework and JUnit Framework.
* Expertise in writing and executing Test Scripts to implement Test Cases, Test Scenarios, and features for TDD (Test Driven Development), BDD (Behavior Driven Development) using Cucumber JVM and Gherkin.
* Extensive Experience on understanding Web Service Testing skills like XML, XSD, DTD, SOAP, REST.
* Extensive experience on Tracking Defects using JIRA, HP Quality Center and, BugZilla.
* Experience with Cross-Browser and Compatibility Testing to test whether the web applications are working as desired in different browsers and environments.
* Experience in designing and implementing different automation frameworks like Keyword Driven Framework, Data Driven Framework and page object model.
* Experience in IT with emphasis on Software Testing / Quality Assurance and Experience in testing web applications, as well as Standalone applications using manual testing and Automation testing using Java and Selenium Web Driver.
* Experience in all phases of Software Development Life Cycle (SDLC) and Software testing life cycle (STLC) using Agile & Waterfall methodologies and JIRA tools.
* Excellent Coding skills using Java and Python.
* Familiar with Web Technologies: HTML, CSS, JavaScript, XPath, XML, Web Services (SOAP and Restful), Maven, Fire Path, Firebug, TestNG and Junit Technologies.
* Developed the Selenium Test cases with Data Driven, Selenium Page Objects Model Frameworks using: Selenium Web Driver, TestNG, JXL, JDBC and Maven, used selenium automation tool to build the framework from scratch using python, having a deep knowledge in understanding and developing test suite with selenium web driver.
* Experience with integrating with Jenkins & automating Selenium Tests with Continuous Integration
* Experience in testing and performing various validations Web Services (SOAP and RESTFUL), creating Test Suites & Data Driven Tests using SOAP UI Tool
* Experience in testing native apps on phone, Android and iPad devices manually.
* Design and develop test framework and latency monitoring tools.
* Performed White Box testing using Junit framework
* Well Versed with in Black Box, Functional, White Box, System, Regression, Integration, GUI testing using both Manual and Automation Techniques
* Comfortable with smoke testing, exploratory testing, regression testing
* Ability to identify & resolve problems in a timely manner; gather & analyze information skillfully; work well in collaborative environment
* Hands on experience in Designing Test Cases covering all test conditions and eliminating redundancy and duplications and maintaining the test case.
* Experience in using various Databases & tools: Oracle, MySQL, MSSQL.
* Solid Back-end testing experience in writing and executing SQL Queries
* Experienced in using defect-tracking systems like JIRA.
* Extensive experience in different IDEs like Eclipse, and PyCharm.
* Exposure to build tools which include Maven, Jenkins
* Understanding of JavaScript applications.
* Validated applications on mobile flatform like IOS, Android
* Validated rendering of application in different android versions and different IOS versions.
* Working knowledge of Operating Systems: Windows, Mac, Linux and UNIX environments
* Ability to handle multiple tasks and work independently as well as in a team.
* Excellent written and verbal communication and interpersonal skills.
* Excellent problem-solving skills with a strong technical background and good communication and interpersonal skills. Self-motivated and a good team player.

**EDUCATIONAL BACKGROUND:**

**Master’s** in **computer science**, University of the Cumberlands, Kentucky

**Bachelor’s** in **Electronics and Communication Engineering** from JNTU Hyderabad, India.

**TECHNICAL SKILLS:**

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| **Test Management** / **Automation Tools** | Load Runner, Jmeter, Putty ,Appium, LISA, Microsoft Test Manager, Selenium Web driver, Selenium IDE, HP QTP/UFT, SOAP UI, Bugzilla, JIRA/RT, Charles, firebug, XPath |
| **Programming Languages** | Java, C |
| **Testing Frameworks** | NUnit, TestNG |
| **Web Technologies** | HTML, CSS, JavaScript, XML |
| **Database Technologies** | SQL, MySQL |
| **Operating System** | UNIX, LINUX, MS-DOS, WINDOWS XP/7/8/10, IOS |
| **Software Tools** | Jmeter, Soap UI, load runner, Charles, Selenium, Lattice, Appium, Appdynamics, OEM, Splunk, Visual VM, Eclipse IDE, VM ware, Virtual Box, Microsoft , Office, Wireshark |
| **Business Domains** | E-commerce, Mortgage, POS, Email, and Retail. |

**WORK EXPERIENCE:**

**Client: Rauxa, San Francisco. Feb 2017– Till now**

**Role: QA Automation Engineer/ QA Tester**

**Responsibilities:**

* Analyzes System Requirement Specification (SRS) document, Business Requirement Document (BRD).
* Worked closely with the QA Manager, Team lead, and developer to evaluate and enhance automation script to cover test area and test cases.
* Analyzes Software Functional Requirements into more Testable requirements to ensure full testing coverage.
* Used MS SQL Server Management studio and MySQL for data validation.
* Attended Sprint Planning meeting for agile methodology project to provide detail estimate for the Sprint Back-log items and understand user stories/requirements.
* Participating the Agile ceremonies like Daily Scrum, Sprint Grooming, Sprint Planning and Retrospective Meetings.
* Analyzed requirements and wrote test cases based on the Acceptance Criteria of the User Stories.
* Developed Requirement Traceability Matrix to ensure requirement is covered and tested to meet the acceptance criteria.
* Performed Restful Web Service using Post Man and Rest Assured Library.
* Created Test Cases using Element Locators and Selenium WebDriver methods.
* Wrote Test Cases and executed feature files as well as tracked bugs and generated daily defect reports using Jira.
* Opening defects and keeping the track of defect life cycle, then taking necessary actions (re-testing, re-opening, closing) by using Jira.
* Assisted Manager by providing automation strategies, Selenium WebDriver/Cucumber Automation and Jira reports.
* Scheduled daily Smoke Test run including nightly test run using Jenkins.
* Implementing Jenkins job to run the Regression Test Suite and Smoke Tests in test environments and generated report.
* Experienced in Functional Testing by performing Functional Test with Positive and Negative sets of data (Data Driven) and check system's functionality.
* Extensively used SQL queries to verify the data integration validation between the Front-end values with the Back-end database values of the application.
* As a Cross-Functional Team member executed Manual test cases and took extra responsibilities as needed by the project and to reach the sprint goal.

 **GE Healthcare, WI July 2016 – Jan 2017**

**Role: Automation Selenium Tester.**

 **Responsibilities:**

* Solid understanding and developing development methodologies (SDLC) Agile and testing methodologies (STLC).
* Analyzed requirements and developed the test strategy and requirement traceability matrix RTM.
* Worked effectively with Developers, AGILE Team, and Project Management to achieve Selenium automation, high quality, release deadlines and QA processes improvements.
* Collaborated with System testing for trading transactions, exchange operations and payment methods using Selenium WebDriver with java.
* Developed, executed and maintained over 8 Java libraries, 50 Selenium automation scripts for web application.
* Involved in developing the Hybrid automation framework from scratch with java by using Page Object model, Keyword Driven & Data Driven frameworks.
* Automated running smoke tests and build report generator for daily builds.
* Experienced Automated ServiceNow Tool base application.
* Experienced Platform upgrade of ServiceNow Tool Changed the scripts as per platform changes.
* Performed Load and Stress testing by developing Load Runner scripts to find out effective Web/App server configurations for best performance levels.
* Highly passionate about web apps platforms design and development and tested applications across multiple platforms touching the full stack across the web.
* Experienced in Manual and Automated - testing tools- ALM, HP Quality Center, HP UFT/QuickTest Pro.
* Experienced in creating, enhancing and maintaining test scripts for various functional and regression testing using UFT/QTP and VBScript.
* Experienced in developing descriptive programming, function library, recovery scenario using VB Script in UFT/QuickTest Professional (QTP).
* Experienced in developing Data driven, Key word driven and Hybrid Framework using UFT/QTP
* Actively participated in the UAT transition, retested UAT defects and updated comments in JIRA on client feedbacks
* Proficient in continuous Integration testing using Maven, Jenkins, GIT, and Ant build tools.
* Escalated Defects while studying Project Requirements and writing Test Cases by using HP Quality Center/ ALM and followed logged defects throughout lifecycle in Jira.
* Possess extensive knowledge in using Rally as project management tool to log and track defects and, use Confluence as a Team Collaborating Tool.
* Exposed various capabilities as Web Services using Soap ui Ng pro for testing the Web services by sending a SOAP i/p request.
* Performed extensive functional GUI level testing and wrote /modified tests from scratch.
* Proficient in continuous Integration testing using Maven, Jenkins, GIT, and Ant build tools And Developed pom.xml in Apache Maven and run the builds using Continuous Integration tool Jenkins.
* Enhanced the testing experience by integrating with automation tools like Selenium, continuous integration tool Jenkins using RESTful APIs.
* Strong hands on experience in reserving, executing test cases, defect tracking, and the complete test management.
* Responsible for developing TestNG Test Case Classes, Test Suite in Integration environment.
* Involved in writing test scripts using java and executed it through selenium cucumber.
* Continuous monitoring of jobs and analysis of the failures on Jenkins Environment.
* Expertise in importing and retrieving the data form the XML sheets and databases especially SQL-Server.
* Performed Back end testing using SQL queries to test the development of databases and validating the data.
* Implemented multiple-table links requiring complex join statements, including **Outer-Joins** and **Self-Joins**.
* Provided different build reports, Selenium automation reports, and Performance testing reports to the team.
* Wrote SQL queries extensively, queried database and generated test reports. Performed Purchase Orders Database testing by developing **17 SQL scripts**.
* Expertise in retrieving data from databases by performing primary, foreign keys and collaborated with T-Sql.

**Environment:** Manual and Automation, Selenium, web driver, Java, Zephyr for JIRA, Sql-Server, Load runner, Soap UI, UAT, Web services, API’s, T-Sql, Agile, SoapUI, TestNG, Maven, JavaScript, HTML, Jenkins, CSS, Xml, Git repository.

**Client: Tech Indya, India. Dec 2013- Aug 2015**

**Role: QA Engineer.**

**Responsibilities:**

* Defined testing methodologies designed test plans and test cases.
* Verified and validated the system and documentation based on standards for software development and effective QA implementation in all phases of Software Development Life Cycle (SDLC).
* Created and updated documentation relating to the quality assurance processes
* Involved in User Acceptance Testing (UAT).
* Experience with web and mobile software testing, including writing test plan documentation
* Created test scripts from the test plans and identified test scenarios and top priority test cases.
* Tested application for Security, Accessibility, Usability and Performance Standards.
* Involved in installation and configuration of Selenium software. [p
* Developed maintained and executed automation test scripts using Selenium WebDriver eclipse IDE and TestNG.
* Involved in frameworks using TestNG.
* Involved in browser compatibility testing (Chrome/Firefox/Safari/IE).
* Maintain the test suites in current projects with new or modified features, tracking script versions in Git source control systems and source tree.
* Used log4j and configuration files to generate daily logs for performance testing.
* Worked with support to troubleshoot, understand and recreate the major issues our customers are encountering.
* Performed all aspects of testing including smoke test, functional, system, and regression tests on the E-commerce applications.
* Written Functional test scripts and reused some of the functional test scripts for Regression Testing.
* Involved in writing manual test cases.
* Performed thorough regression testing when bugs are resolved.
* Reported bugs and opened sifters (using bug tracking tool sifter) when found bugs.
* Worked closely with marketing team for testing of emails before deployment using selenium web driver.
* Interacted with developers to ensure quality during problem resolution and retesting solutions.
* Facilitated meetings to achieve desired timelines, metrics and goals

**Environment:** Agile, Selenium WebDriver, xPath, JXL, Firebug, Fire Path, Python, Web Services, RESTFUL,XML, JSON.

**Edvynsys Solutions Pvt. Ltd, Hyderabad, India Jan 2013 – Nov 2013**

**Quality Analyst**

**Responsibilities:**

* Responsible for performance testing and tuning of multiple applications.
* Performing IP Spoofing using LoadRunner for the load balancing issues.
* Developed Load Runner scripts in Web, Web services, and Database protocols.
* Developed and deployed test automation scripts to do end to end performance testing using Load Runner.
* Developed Vuser scripts using Web (HTTP/HTML), Web Services
* Performed stress testing using various features of Load Runner, recorded and debugged scripts using multiple actions using VuGen module in Load Runner.
* Used selenium automated scripts and performed regression testing during the various phases of the testing.
* Monitored disk usage, CPU, and memory of various servers using Appdynamics tool while running the load test.
* Developed and implemented performance test plans in accordance with agreed strategies and protocols.
* Collaborating with developers while analyzing tests results to fix bottlenecks
* Co-ordination with development team in order to reproduce the bug and verify the issue.
* Participated in weekly meetings and reviews. Prepared reports showing the testing efforts.
* Implemented testing best practices and made presentation to various teams on significance of performance testing and engineering.
* Executed multi-user performance tests, used online monitors and real-time output messages.

**Environment:** LoadRunner, Oracle, IIS, Dynatrace, MS SQL Server, Web logic, Web Sphere, Wily Intro Scope, JAVA, HTML, Quality Center, Test Director, Citrix, Windows 2000 / XP.

**Immobile, Hyderabad, India July 2011 – Dec 2012**

**QA Manual Tester**

**Project Description:**

Delivers, end to end network services, software services and business intelligence services to leading network operators and enterprise organizations Involved in Analysis of Business Requirements, Use Cases, Design Flowcharts and Software Requirements.

**Responsibilities:**

• Preparing test case based on Functional requirement Specification and submitted to the client.

• Check the manual test scripts for automation and identifying the reusable test components.

• Involved in root cause analysis and performance analysis of the developed test scripts.

• Follow up with the fix-it team for the defect’s resolution during scripting and test execution.

• Received inbound calls from current subscribers regarding Internet and Modem technical support.

Participated weekly team meetings with business users, developers and updates on the status and raise any issues to the management.

• Involved in testing all backend processes using SQL.

• Involved in test case Execution and Analyzing the Results. Performed Functional testing, regression testing, Sanity testing and migration testing.

• Worked on Maintenance and Enhancement change requests.

• Effectively involved in the review of the Test results.

• Test the overall workflow for the existing and new functionalities. Executing the test suite, finding defects and reporting them to developer through testing standards.

• Prepared Defect Report by using Quality Center as per severity and Priority.

• Designed Test cases and executed Test cases and reported the Bugs using Quality Center.

• Preparing an estimate for each phase of testing to decide on resources needed.

**Environment:** HP Quality Center, Quick Test Pro, Selenium, JIRA, Java/J2EE, JavaScript, Web Sphere, WSDL, Linux, UNIX, XML, Selenium, Rally, WebLogic Application Server.