**VIJAY**

**QA LEAD**

**Automated Test Systems # Quality Methodologies # QA Team Leadership**



**PROFESSIONAL SUMMARY:**

* Over 16+ years of experience in the IT Industry as a Senior QA Engineer.
* 11+ years of experience in manual and test automation tools.
* Preparing Test Strategy, Test Scenario Design, Test Plans, Test Cases, Test Execution and Test Reviews.
* Platform worked in Salesforce, Guidewire, Mainframe and Java.
* Certified in TOSCA, HP-UFT, CISCO and Microsoft.
* Developing Automation Test scripts.
* Diversified experience in Automation and Manual testing serving various domains such as Health care, Banking, Retail and Insurance.
* Performed Cross Browser testing in Tosca for different browsers like Chrome, Firefox, IE and Mocorsoft Edge.
* Implemented Tosca test automation for handling Popup windows and Alerts using Recovery Scenarios
* Hand on experience in running the scripts in Scratch Book and Execution List in Tosca
* Experience in Data Driven Testing, Modular Framework, Dynamic Expression, Browser operation in Tosca
* Worked on TCP, Synchronization Timeout, Action modes, Error Handling in Tosca
* Expertise in QA Methodologies, Defect Management Life Cycle, Software Development Life Cycle (SDLC) methodologies.
* Expertise in GUI application testing, Back-end testing, Functional Testing, System testing, stand alone and web- based applications with multiple server domains.
* Mobile testing in IOS and Android.
* Proficient in the data manipulation using SQL for the retrieval of data from the relational database.
* Excellent troubleshooting and debugging skills.
* Ability to learn new technologies and challenging concepts quickly and implement them.
* Used Bug Reporting tools like JIRA, Quality Center and Test Director.

**CERTIFICATIONS:**

* 1. Completed the HP certification for Quick Test Professional (UFT)
	2. Completed TOSCA, Automation Specialist Level1 and Automation Specialist Level 2
	3. Completed the HP certification for Quality Centre
	4. Completed CCNA (Cisco Certified Network Associate)
	5. Completed MCP (Microsoft Certified Professional

**EDUCATION:**

* Bachelor of Engineering in Computer Science Duration – 2003(Bharathidasan University)

**TOOLS AND METHODOLOGIES WORKED:**

|  |  |
| --- | --- |
| **Development Methodology**  | Agile, Waterfall, V-Model |
| **Platform**  | Salesforce, Guidewire, SAP, Mainframe and Java |
| **Automation Tool**  | TOSCA, Selenium, UFT, Cucumber, Ruby, IBM-RFT,JMeter |
| **Testing framework**  | JUnit, TestNG |
| **Mobile Automation tool**  | Appium |
| **Frameworks**  | Hybrid, Data Driven, Keyword Driven, BDD, Page Object Model (POM) |
| **Build /Integration Tools**  | Jenkins |
| **Bug Tracking Tools**  | JIRA, Rally, HP ALM, Bugzilla |
| **Web Service Tool**  | Soap UI, Postman |
| **Programming Languages**  | Java, C, VB scripting |
| **Database/Database tools**  | SQL Server, Oracle, MySQL, DB2 |
| **Development Environment**  | Eclipse, JDBC |
| **Version Control Tools**  | GIT, SVN, TFS |
| **Web Debugging Tools**  | Xpath, Firepath, Firebug |
| **Protocols**  | HTTP, HTTPS, TCP/IP, SOAP, REST |
| **Operating Systems**  | Windows, Linux, Unix |

**PROFESSIONAL EXPERIENCE:**

**Client: Cox Automotive, Atlanta, GA**

**Duration: 12/2021 – 03/2024**

**Job Title: Senior Software Test Lead**

**Responsibilities:**

* Analyze technical and non-technical requirements and translate them into both manual and automatable scenarios using TOSCA/Selenium/QTP.
* Apply strong testing best practices to develop test design and test approach.
* Tested Telematics controlled vehicle speed controlling/Monitoring system.
* Execute tests, record results in Rally and Qtest communicate results to team members.
* Execute both manual and automated scenarios, analyze results and act accordingly.
* Assist other team members in whatever is necessary with test design, test approach, testing, story requirement clarification and providing feedback to the development team.
* Maintain expert level of knowledge in testing best practices.
* Understanding the functional flow and automate the web-based, desktop applications and Mobile applications using Tosca Test suite.
* Created modules in TOSCA for different application using XSCAN, API Scan.
* Created TOSCA Rest API scripts using Get, Put, Post, Patch, Head, Options, Delete and validated the Json Response and Response codes.
* Created Automation Framework concept of Data-Driven framework in TOSCA.
* Performed Development of Regression Suite using TOSCA tool.
* Worked on Recovery scenario for Test case in TOSCA.
* Created Tosca scripts for Native and Hybrid mobile apps.
* Created Test Sheet, create classes, attribute, and instance to define the business test data in TOSCA.
* Created /Define Test Case Template according to business scenarios and linked with Test sheet in TOSCA
* Worked with sections on TOSCA like Modules, Test Cases, Requirements, Test case Design and Execution List.
* Demonstrate a solid understanding of Agile principles and how they apply to testing.
* Possess a deep understanding of SalesForce.com (Sales, Service & Marketing Clouds).
* Performed Salesforce Marking cloud testing
* Building Automation scripts for Salesforce Orgs.
* Performed Web based server testing using Apache
* Proficiency in SAP applications and modules
* Verified & Validated EBS-Customer Open item clearing through EBS with Payment Advice (Payment Advice through Bank or directly from customer)
* Strong Experience in Automating Web Application Testing using Selenium WebDriver with TestNG framework.
* Strong Experience in Java Programming, Selenium WebDriver, JUnit and TestNG.
* Well versed with Handling Elements in Selenium WebDriver.
* 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.
* Expertise in performing mobile Application testing using Appium, Tosca.
* Implemented automation scripts for Cucumber framework (BDD) using Gherkin scripting language.
* In-depth knowledge in Object-oriented programming (OOP) concepts Polymorphism, Inheritance, Encapsulation, Class, Abstraction, Composition, Method overloading and Method overriding etc.
* Experience in writing Page Object Model (POM) UI Automation Test Scripts from scratch using open-source tools Selenium with different languages Java
* Develop scenario-based testing for the JMeter scripts.
* Create, schedule and run the scenarios using JMeter and generate necessary graphs.
* Extensively worked on JMeter to create Thread Groups and test Web Application for various loads on key business scenarios.
* Created and executed JMeter scripts for performance testing of portal.
* Tested all the REST API calls using different methods like Get, Put, Post, Patch, Head, Options, Delete and validated the Json Response and Response codes. Performed different Authentication method to integrate with various third-party systems. Created Local and Global variable
* Leveraged SQL for data manipulation and testing within Salesforce Marketing Cloud, enhancing data integrity and targeting precision in marketing campaigns
* Effectively manage individual workload for multiple assignments or projects.
* Lead testing effort for medium-to-large sized products, from concept to delivery.
* Demonstrate a passion for learning new processes and techniques.

**Client: TCS/Nationwide, Columbus, OH**

**Duration: 11/2018 – 12/2021**

**Job Title: Automation Test Lead**

**Responsibilities:**

* Gathering and analyzing the business requirements for the Application
* Prepare estimation, timeline and staffing needs.
* Prepare Test Plan, Design Document, Test Strategy
* Perform card level, system testing and Regression Testing
* Testing in various platform such as Guidewire, Salesforce and Mainframe
* Performed Azure cloud testing
* Prepare, update weekly meeting discussion notes and Weekly status report
* Perform show and tell to the client
* Perform release testing in production environment.
* Strong work experience on Property & Casualty Insurance with Guidewire Policy Center.
* Have excellent knowledge in Guidewire complete policy life cycle
* Have good knowledge on Guidewire claims center
* Experience in Guidewire Quote, Policy processing, Rating, Underwriting, Billing and Output, Payment, Interfaces and batches
* Experience in GW New Business application and policy changes
* Creating automation framework using TOSCA, Selenium, UFT, Ruby and Cucumber (Gherkin).
* Conducting code walk-through sessions with the project team and clients.
* Sending Minutes of Meeting to entire offshore team and Test Manager.
* Coordinating with offshore team working from the offshore development center located in India.
* Participating in daily scrum meetings, backlog refinement meetings, sprint retrospective meetings and Interacting with Clients and Stake holders for status reporting and the Progress

**Client: TCS/** [**Johnson & Johnson**](https://www.jnj.com/) **, Columbus, OH**

**Duration: 10/2017 – 11/2018**

**Job Title: Automation Test Lead**

**Responsibilities:**

* Gathering and analyzing the business requirements for the Application
* Prepare estimation, timeline and staffing needs.
* Prepare Test Plan, Design Document, Test Strategy
* Perform card level, system testing and Regression Testing
* Testing in various platform such as Salesforce
* Perform show and tell to the client
* Perform release testing in production environment.
* Performed Web based server testing using Apache.
* Creating automation framework using TOSCA, Selenium, UFT, Ruby and Cucumber (Gherkin).
* Strong Experience in Automating Web Application Testing using Selenium WebDriver with TestNG framework.
* Strong Experience in Java Programming, Selenium WebDriver, JUnit and TestNG.
* Well versed with Handling Elements in Selenium WebDriver.
* Writing Test cases using Element locators, WebDriver methods, Java programming features and TestNG Annotations.
* Executing Selenium Test Cases and Reporting defects.
* Conducting code walk-through sessions with the project team and clients.
* Sending Minutes of Meeting to entire offshore team and Test Manager.
* Coordinating with offshore team working from the offshore development center located in India.
* Participating in daily scrum meetings, backlog refinement meetings, sprint retrospective meetings and Interacting with Clients and Stake holders for status reporting and the Progress

**Client: TCS/Cummins, Columbus, IN**

**Duration: 08/2016 – 09/2017**

**Job Title: Automation Test Engineer**

**Responsibilities:**

* Conducted Automation/manual testing using the Standards, guidelines and structured methodology in testing the application
* Involved testing telematics-controlled diesel-based vehicle, engine monitor system.
* Involved in developing Test plan and Test scripts using the business documents in Test Director
* Performed mobile testing for Web-based, iPhone App and Android App using Appium
* Preparation and Execution of Automation scripts using Selenium, RFT, UFT
* Involved in AWS cloud testing
* REST API testing using SOAP UI, Postman
* Updating and tracking the task EOD.
* Preparing/Updating Weekly Status Report (Excel/Word Document)
* Sending Minutes of Meeting to entire offshore team and Test Manager.
* Responsible for Creating Automation Test Plan, Design Document, Test Strategy

**Client: TCS/Cummins, India**

**Duration: 08/2015 – 08/2016**

**Job Title: Automation Test Engineer**

**Responsibilities:**

* Create and maintain automation frameworks
* Work with management to resolve issues and report on quality of system maintenance activity and new releases
* Execute automation scripts
* Works directly with software developers, test engineers, product owners, business analysts, project leaders
* Work with automation team to design and develop automated test suites for the website using Java, Selenium and/or other relevant tools
* Improvements in software engineering key performance indicators
* Measure system performance on multi-user platforms through test scenarios using automated testing software, providing analysis results and recommendations
* Coordinating with Onsite coordinator daily wise
* Updating and tracking the task EOD.
* Preparing/Updating Weekly Status Report
* Sending Minutes of Meeting each and every weekly status call to entire offshore team and Test Manager.
* Responsible for Creating Automation Test Plan, Design Document, Test Strategy

**Client: TCS/Bank of America, India**

**Duration: 02/2015 – 08/2015**

**Job Title: Automation Test Engineer**

**Responsibilities:**

* Understanding business and functional requirement specifications
* Finalizing the scope of automation
* Responsibility for Creating and providing the User-Friendly framework.
* Preparation and Execution of Automation scripts using QTP, ALM
* Set up the folder structure based on the business requirements
* Preparing/Updating Weekly Status Report
* Coordinating with Onsite coordinator daily wise
* Updating and tracking the task EOD.
* Preparing/Updating Weekly Status Report (Excel/Word Document)
* Sending Minutes of Meeting each and every weekly status call to entire offshore team and Test Manager.
* Responsible for Creating Automation Test Plan, Design Document, Test Strategy

**Client: TCS/JPMC, India**

**Duration: 04/2013 – 01/2015**

**Job Title: Automation Test Lead**

**Responsibilities:**

* Gathering requirements and contacting development managers and other teams pertaining to documentation and defects.
* Coordinated with team members to Design and Develop Test Plan, Test Scenarios, Test Cases, Test Scripts.
* Developing the automation framework using QTP
* Deploying and managing the appropriate testing framework to meet the testing mandate.
* Prepared and executed Test cases as per the Functional requirement documents.
* Performed Functional, Integration, Regression testing.
* Performed Negative, Positive testing and Boundary value testing.
* Expertise in using complex SQL queries, PL/SQL Stored Procedures and Functions for Database Validation.
* Mentoring and coordination team for the successful test deliverables on time.
* Participated actively in the team meetings with the developers for defect reviews.
* Extensively Tested Web Screens, Stored Procedures.
* Used Quality Center to manage test cases and report bugs.

**Client: TCS/JPMC, London, UK**

**Duration: 03/2012 – 04/2013**

**Job Title: Automation Test Lead**

**Responsibilities:**

* Understanding business and functional requirement specifications
* Involved in Scripting for Different modules by using frame work
* Developing automation framework using QTP
* Used Quality Centre for Planning, Test Scheduling, and Test Execution
* Detect defects, communicate to the Functional Team using Quality Centre for bug reporting and tracking all defects
* Involved in daily and weekly status meetings with all project team members
* Worked closely with Functional team to address any gaps in the functionality and test progress

**Client: TCS/JPMC, India**

**Duration: 02/2010 – 03/2012**

**Job Title: Automation QA Engineer**

**Responsibilities:**

* Create and maintain automation frameworks
* Work with management to resolve issues and report on quality of system maintenance activity and new releases
* Execute automation scripts
* Works directly with software developers, test engineers, product owners, business analysts, project leaders
* Work with automation team to design and develop automated test suites for the website using Java, QTP and/or other relevant tools
* Improvements in software engineering key performance indicators
* Measure system performance on multi-user platforms through test scenarios using automated testing software, providing analysis results and recommendations
* Coordinating with Onsite coordinator daily wise
* Updating and tracking the task EOD.
* Black box, White box testing
* Preparing/Updating Weekly Status Report
* Sending Minutes of Meeting, weekly status call to entire offshore team and Test Manager.
* Responsible for Creating Automation Test Plan, Design Document, Test Strategy

**Client: Future Focus/Nielson, India**

**Duration: 02/2008 – 01/2009**

**Job Title: Manual QA Tester**

**Responsibilities:**

* System Testing, Smoke test, Regression Test
* Automation using QTP
* Test Case preparation and execution
* Defect logging and tracking in JIRA
* Participated in system integration testing which include writing test plans, test cases, system testing and other end user testing activities
* Maintained detailed test logs and report test results in Test Director
* Interacted with developers for status of the bugs and re-tested the fixed Bugs
* Analyzed the defects and categorized them based on severity

**Client: Future Focus/Wolters Kluwer, India**

**Duration: 05/2007 – 02/2008**

**Job Title: Manual QA Tester**

**Responsibilities:**

* Involved in QTP (Record and Playback)
* Involved in Writing Test Cases.
* Reporting Defects.
* Defect Analysis and Tracking.
* Maintaining Shared folders for writing Defects, Screenshots and Issues related to the project.
* Communicating with the Onsite lead.
* Involved in Functional Testing and Regression Testing.
* Clarification of issues in the requirements with the onsite team

**Client: MONDIAL SOFT/Skytech solutions (USA), India**

**Duration: 10/2004 – 05/2007**

**Job Title: Manual QA Tester**

**Responsibilities:**

* Clarification of issues in the requirements with the onsite team.
* Designing, writing and executing test cases.
* Defect Analysis and Tracking
* Coordination with the development team
* Black box, White box
* Maintaining Shared folders for writing Defects, Screenshots and Issues related to the project.
* Involved in Functional Testing and Regression Testing.