**Mani**

959- 242-9809

**SUMMARY**

* 7+ years of extensive experience in Analyzing, Designing and Implementation of QA
* Testing strategy for Web based and Client/Server applications using Manual testing and Automation testing Selenium of client server application in Finance, Healthcare, E-commerce and Media Applications.
* Proficient in using Neoload for load testing, including scripting, execution, and analysis of test results.
* Demonstrated ability to optimize application performance through insights gained from Dynatrace and App Dynamics monitoring tools.
* Experience in analyzing business specification documents, designing and developing Test Cases, Test Scenarios, Test Scripts and Test reports of manual and automated tests.
* Expertise in performing manual testing (emulators & IOS Simulators) & Mobile Application Testing using Appium.
* Extensive experience in conducting production testing to validate system functionality, performance, and reliability in real-world environments
* Proficient in using test automation tools such as Selenium WebDriver/RC/IDE/Grid, QTP protractor to develop automation testing scripts for web and client server applications.
* Experience in writing Automation scripts and frameworks using Java, python, C#, JavaScript, VBScript, and Coded UI.
* Designed and executed chaos experiments using tools like Chaos Monkey, Gremlin, or custom scripts to simulate real-world failure scenarios
* Extensive experience in designing Test Cases, Test Scenarios, Test Scripts and Test reports of manual and automated tests.
* Experience in unit testing, functional testing, user acceptance testing, integration testing, system testing, performance testing, sanity testing, exception testing, compatibility testing & security testing of client/server and web-based applications.
* Experience testing across platforms such as Salesforce, Veeva, and AEM.
* Excellent experience with source version control tools such as Subversion (SVN), TFS & Git.
* Working experience with defect tracking tools like Clear Quest, Jira, Bugzilla and Test Director/Quality Center (QC), Microsoft Test Manager (MTM) and Team Foundation Server.
* Experience in all stages of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and worked on Waterfall, Agile and V-Model project environment.
* Sound knowledge on Junit, TestNG framework for Unit testing, Maven and Ant for Project building tool, Jenkins/Hudson for Continuous Integration.
* Expertise in using HP ALM for application lifecycle management
* Good experience in testing both SOAP and REST services using SOAP UI, Postman, Rest Assured and Tested both XML and JSON formats.
* Strong in writing SQL queries/stored procedures/functions to perform backend data validations.
* Expertise in setting up and carrying out browser compatibility testing environment with different browsers and versions of Internet Explorer, Mozilla Firefox, Google chrome on different OS like windows and MAC.
* Strong SQL skills and experience with Oracle,mongo DB, IBM Websphere MQ and MySQL database
* Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

**TECHNICAL SKILLS**

**Languages & Web tools:** Java, SQL, PL/SQL, Python, VBscript(UFT) JavaScript, HTML,CSS, XML,JSON, XSD, XSLT, Salesforce, Veeva, AEM

**Automated Tools:** Selenium WebDriver, HP Quality center(QC)/ALM, Junit, TestNG, JIRA, SOAP UI, QTP, Eclipse and Load Runner.

**Defect Tracking Tools:** Quality Center(QC) (9, 10, 11.0), Manual Testing (Rally, MTM), Team Foundation Server (TFS 2008, 2010, 2012), Rational Clear Quest.

**Continuous Integration Tools:** Jenkins.

**Build tools :** Gradle

**Databases:**  SQL Server, Mongo DB, IBM Websphere MQ and Rabbit MQ.

**Project Management:** Microsoft Project, Microsoft Office (Word, Excel), MS Access, Microsoft PowerPoint, Agile, Waterfall Process, V-Model

**TECHNICAL WORK EXPERIENCE**

**Coforge Limited January 2020 – Present**

**Systems Analyst**

* Design test plans, scenarios, scripts and procedures based on the business.
* Plan test schedules or strategies in accordance with project scope or delivery dates.
* Conduct software compatibility tests with programs, hardware, operating systems, or network environments.
* Skilled in utilizing Dynatrace and App Dynamics for performance monitoring and troubleshooting in complex IT environments.
* Identified, Reported and Monitored Defect resolution efforts through ALM and also logged them in version-controlled tool called VERSION ONE
* Developed automated chaos testing frameworks to streamline the testing process and integrate chaos testing into CI/CD pipelines.
* Skilled in monitoring and analyzing production test results to identify performance bottlenecks and functional defects.
* Develop testing programs that address areas such as database impacts, software scenarios, regression testing, negative testing, error or bug retests, or usability.
* Participate in product design reviews to provide input on functional requirements, product designs, schedules, or potential problems.
* Involved in creation of both manual and automated test scripts for API Integrations, java components and UI using HP UFT(Unified functional testing) tool. Was involved in testing of both SOAP and REST services
* Worked on testing scenarios across Salesforce, Veeva and AEM.
* Investigate customer problems referred by technical support.
* Involved in testing the web services using both POSTMAN and SOAP UI.
* Performed both manual and automation testing for validating the data from Microsoft SQL server DB, Splunk, Mongo DB, IBM web sphere DB and Rabbit MQ. Also involved in creating stored procedures and writing queries in SQL SERVER DB
* Monitor program performance to ensure efficient and problem-free operations.
* Perform initial debugging procedures by reviewing configuration files, logs, or code pieces to determine breakdown source.
* Coordinate user or third-party testing.
* Collaborate with field staff or customers to evaluate or diagnose problems and recommend possible solutions.
* Performed regression tests on the application to assure proper functionality of the processors after new builds
* Prepared user documentation for UAT (USER ACCEPTANCE TESTING)

**Amensys October 2016 – December 2018**

 **IT Specialist - Automation Developer**

* Experienced in Automation testing using QTP/UFT. Performed daily smoke tests via QTP and generated reports for management and testing teams.
* Used checkpoints to check the functionality in QTP/UFT. Created and executed automated scripts in QTP.
* Analyzed chaos test results to uncover vulnerabilities and improve system reliability and fault tolerance.
* Implemented production testing best practices to ensure the stability and quality of applications in production environment.
* Experience in setting up alerts and dashboards in Dynatrace and App Dynamics to proactively identify and resolve performance issues.
* Successfully implemented performance tuning strategies based on recommendations from Neoload, Dynatrace, and App Dynamics.
* Performed Regression testing by executing the scripts developed with QTP/UFT.
* Involved in developing and executing automated test scripts to support testing requirements using QTP/UFT.
* Performed testing on Veeva and AEM platforms.
* Created QTP scripts with reusable and external Actions and, called functions in Actions.
* Analyzed the functionality and designed test cases for both functional and regression testing and editing of automated script by inserting logical commands to handle complicated test scenarios.
* Involved in writing SQL Queries for backend/ETL testing.
* Performed ETL testing of PL/SQL and Rabbit MQ jobs, Prepared mapping documents source and target columns.
* Performed configuration testing using MONGO DB and IBM Websphere MQ.
* Used Test Director to store all testing results, metrics, implemented test plan document, created test cases, defect tracking and reporting.
* Performed functional, integration, black-box, regression, and user acceptance tests.
* Enhance test frameworks and develop automated tests using Selenium Web Driver to ensure consistency.
* Developed test suite for all the Web service operations in the SOAP UI test tool.
* Converted manual Test Cases into automated scripts with Selenium WebDriver
* Involved in preparation of test cases and test scripts for both manual and automation tests.
* Used TFS for life cycle management such as user stories, bug management and team communication. Also, used Team Foundation server (TFS) source control to deploy application.
* Responsible for back-end API testing with SOAP UI and coding in groovy and Java.
* Involved in testing SOAP (XML) and REST API (JSON)/ using SOAP UI
* Created tests with Assertions like Schema Compliance, SOAP, XPath assertions using SOAP UI.
* Involved in testing Web services and XML with tool called SOAP UI. Used this tool to locate WSDL file on internet, create Test cases, run them, do load testing, security testing.
* Validated Web Service modules using Soap UI tool (Preparing Web Service request and added authentication information in Soap Header). Used SOAPUI tool to test web services for Order History, Shopping cart, Account Creation and Shipment Tracking web services.
* Involved in the Continuous Integration of the automation framework with Jenkins.

 **Saibersys June 2014 – October 2016**

 **QA Analyst**

* Involved in Analysis, Understanding the requirement specifications.
* Creation and Execution of manual test cases.
* Analyze testing results and defects, and provide recommendations to development team.
* Worked in Agile Scrum Development Environment with frequently changing requirements and features set.
* Worked on testing methodologies on Salesforce, AEM and Veeva platforms.
* Performed regression tests on the application to assure proper functionality of the site after new builds.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Automated Regression Test cases using Selenium Web Driver, Jenkins and Maven. Used Firebug and Fire Path plug-ins to find the elements on the web page based on the element locator ID, Name, Tag, Class Name, XPath, Link Text, Partial link Text and CSS Locator.
* Enhance test frameworks and develop automated tests using Selenium Web Driver to ensure consistency.
* Developed the features, scenarios, step definitions for BDD (Behavior Driven Development) and TDD (Test Driven Development) using Cucumber, Gherkin and ruby.
* Used SVN tool for Source code management and also used Selenium Grid for parallel, Batch Test Execution.
* Developed test suite for all the Web service operations in the SOAP UI test tool.
* Converted manual Test Cases into automated scripts with Selenium WebDriver
* Involved in preparation of test cases and test scripts for both manual and automation tests.
* Used TFS for life cycle management such as user stories, bug management and team communication. Also, used Team Foundation server (TFS) source control to deploy application

**EDUCATION**

|  |  |
| --- | --- |
| **University of Central Missouri** | **January, 2019 – June, 2020** |
| ***Masters in Computer Science*** | **GPA : 3.78/4.00** |

|  |  |
| --- | --- |
| **Jawaharlal Nehru Technological University, India** | **September, 2009 – May, 2013** |
| ***Bachelor of Technology - Information Technology*** | **GPA :3.65 / 4.00** |