**MUKTA DESHMUKH|*QA Automation Analyst***

#  Phone: 630 465 0793

**PROFESSIONAL SUMMARY**

* **7.5+ years** of experience in the Information Technology Industry as a **QA Engineer in Manual** and **Automation Testing** on Client-Server, Web Application & Object-Oriented Programming systems in **multiple** applications.
* Extensive experience in **creating the automation framework from scratch** using Selenium **WebDriver** with **JAVA** for writing test suites and test cases for testing web applications with **Cucumber**, **TestNG** and **Junit** Frameworks.
* Sound experience in working on **Agile- scrum** environment
* Experience In **HTML, CSS, JavaScript** and core **JAVA programming**.
* Well-versed in **designing** and **implementing automation scripts** using **selenium web driver**
* Sound experience in **performance testing** using **JMeter**
* Sound experience in writing the **Test cases**, **Test plans**, executing test scripts, reporting **defects** and preparing **test result report**
* Strong understanding of **Object-Oriented methodologies**, software testing life cycle.
* Extensive experience in developing and maintaining **test methodology, strategy & plan**, documenting & executing **test plans, test cases, test scripts, resource planning**, delegating tasks.
* Preparation of technical and end-user **documentation**& Manuals for **UAT** (User Acceptance Testing).
* Proficient in testing applications for **browser compatibility, performance/Load, functional, stress, regression, user interface (UI), integration, system & acceptance testing**.
* Involved in **mobile application testing** with various apps
* Strong grip in using **TestNG Listeners** for generating **aggregate automation reports**
* Strongly experienced in **Page Object Model** to automate Functional and regression testing by creating hybrid automation frameworks using **eclipse, maven**, **java**, **selenium web driver**, **testNG**.
* Experience in design the framework using **cucumber BDD, gherkin, java and selenium web driver**.
* Experience in using **Rest Assured** for automating the testcases related to the **Restful webservices**.
* Used java **singleton technique** to create frameworks.
* Used **extent-report** for creating the test reports.
* Sound experience in using **Jenkins** with **maven** for **continuous integration**.
* Tested **Web Services**, Validated Request and Response **XML, SOAP Calls, Restful calls and WSDL** using **SOAPUI and POSTMAN** tool.
* Sound experience with **source code management tool GIT**
* Experience in using **browser stack tool** for **responsive testing** for **mobile application**.
* Good exposure of working in **continuous integration** environment using **Jenkins**
* Well-versed in defect tracking tools such as **Jira** and **Quality Center** Experience in Preparation and Execution of appropriate **business test scenarios** based on **Functional & Technical Requirements** effectively delegate and manage the tasks assigned to the team.
* Expertise in **reviewing requirements, planning test cycles, documenting test artifacts**, performing various test execution and Reporting at all stages of the projects.
* Experience in preparation of **Requirement Traceability Matrix**, **Optimal test plan**, **Test Metrics, Defect Report and Weekly Status Reports**.
* Excellent in the test **automation process**, right from identifying test cases for automation to analyzing the results and reporting bugs.
* Strong understanding of **QA best practices**, **test management processes** and **defect management**.
* Well versed with waterfall and **Agile** methodologies in Software Development Life Cycle (SDLC)
* Used **Xpath** for locating dynamic web elements.
* Experienced in using **JIRA** for developing and maintaining test plans, test cases, test scripts, test results, defects tracking.
* Expertise in test case design, review, execution, defect management and tracking.
* Experienced in developing and maintaining test scripts, analyzing bugs and interacting with development team members in fixing the defects.
* Experienced in interacting with Business, Development and Operational teams.
* Highly motivated and conceptually strong with exceptional handling and problem-solving skills, multi-tasking, Communication and interpersonal skills and good team spirit.
* Expertise in writing **SQL Queries** for data validation

**EDUCATION**

* Bachelor of Technology (Information Technology) – Amravati University, India.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| UI Automation Testing Tools | Selenium WebDriver, Selenium IDE, Cucumber |
| Testing Frameworks | **TestNG, Junit, BDD** |
| Management Tools | Jira 5.1, TFS, Projectplace Planview, AzureDevops |
| Build and dependencies management | **Maven** |
| Continuous Integration | **Jenkins** |
| Repository Systems/ Version control | **Git and GitHub, SVN, Git and Bitbucket** |
| Performance Testing | **JMeter** |
| API/ Webservices Testing | **SoapUI, POSTMAN, Ready API, Rest- Assured, JMeter, WSDL, Ready API** |
| IDE  | **Eclipse, IntelliJ, Programmer- notepad, NetBeans** |
| RDBMS | DB2, Oracle 11g, SQL Server 2014 |
| Languages | **JAVA, JAVASCRIPT, HTML/CSS, XML, JSON, SQL** |
| JavaScript Framework | **Chai, Mocha** |
| Methodologies | **Agile/Scrum, Waterfall,** |
| Defect Tracking Tools |  **Jira, Quality Center, Bugzilla** |
| Operating Systems |  **Windows XP/2000/9x/NT, UNIX, Mac** |
| Reporting Tools | **Extent-Report, Listeners, Cucumber Report, Allure Report** |
| Microsoft Tools | **Microsoft office, Microsoft Visio, Microsoft Share point** |
| Other Tools | **GIT, SourceTree, Tortoise Git, Git Bash, SQL developer, Apache POI, Xpath, CSS, Firebugs, Fire Path, Browser Stack** |

**PROJECTS:**

# Client: HCSC, Richardson, TX Oct 18 to till Date

# Role: Automation Testing Analyst

HCSC/ Blue Cross and Blue Shield is a health insurance companies are licensees, independent of the association and traditionally of each offering insurance plans within defined regions under one or both of the association's brands.

This project Performed Automation and manual testing activities to provide the accurate data.

**Responsibilities:**

* Analysis of business requirements with the help of **HLD** documents and by attending design review meetings.
* Involved in mapping requirements (**User stories**) to testing scenarios and test cases to ensure proper coverage
* Designed and Developed Selenium **TestNG F**ramework, used **Data Driven Framework**.
* Wrote and executed automated test cases using Selenium **Web Driver** to **automate manual testing** solutions.
* Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and JIRA reports.
* Experience in using **Jenkins** as a **Continuous Integration** server to configure with GitHub and Maven.
* Performed Regression Testing at various phases of development life cycle for impacted existing functionality.
* Developed the **features**, **scenarios**, **step definitions** for **BDD (Behavior Driven Development)** and **TDD (Test Driven Development)** using **Cucumber, Gherkin** and **Java**
* Involved in analyzing and feasibility check of a newly added functionality for automation. Design and implement Hybrid Driven Framework approach using Selenium Web Driver.
* Worked on **SQL**statements in checking the validity of the Backend.
* Used Selenium Web Driver to automate tests on **Multi Browser environment** for Compatibility.
* Used web debugging tools such as **firebug**, fire path and xpath to locate elements based on ID, Name, **xpath, CSS Selector, Link, Partial Link, Link Test, Attributes and Tags**.
* Performed **web testing** for checking page contents, broken links, web objects, frames and tables using selenium.
* Used **Java concept** of object oriented programming like Abstraction, Polymorphism and Inheritance

Encapsulation.

* Used Extensively **action classes** and Pop and Alert functionalities in testing script.
* Used **SOAP UI and postman** tool for **webservices** testing
* Generated the test defects report and reported it to development team for Bug fixing through **JIRA**.
* Used **Behavior driven Development** to test for a login feature with **Cucumber** tool.
* Experience in writing Test Plans, defining test Cases, developing and maintaining Test scripts, analyzing the results of scripts, interaction with developers in fixing the errors.
* Coordinated with peers in the team for clarity on the requirements.
* Proficient in all phases of Test Life Cycle from test planning to defect tracking and managing defect lifecycle.
* Used **Rest API**s, **SoapUI plugin** to Verify the customer address verification method against the third party**data base** Mellissa.
* Used Java s access modifier to restrict the visibility and Java script executor to find Hidden elements.
* Automated UI tests with different use cases and each use case with different list of variants to test ‘Look and Feel’ of the page.
* Involved in the Complete Integration **CI/CD with Jenkins** and **GIT**.
* Created Extent Reports and emailable for detailed explanation of automation test Scripts.
* Defect Reporting and Resolution and Bug fixing.
* Involved in **grouping of Test automation** framework **for Smoke Test** to ascertain that the crucial functions of the application.
* Exposureto behavior driven developments**Cucumber** Tool for User acceptance Testing with Gherkin Language.
* Generated reports using **extent reports**
* Used **JIRA** to develop test cases, test scripts, executing, review test cases and logging defects based on business requirement, functional requirement, and user stories.
* Created Validation checkpoints and efficiently caught and reported defects in **JIRA**
* Use JIRA for bug tracking and agile project management.
* Performed Black Box testing which includes **System Integration** (SIT), **User Acceptance** (UAT), **Regression, Functional, Positive and Negative Testing. Reviewing Release phase, Test Strategy** and **test plans**.
* Developed a **Page Object Model** within **TestNG Framework** for selenium web driver automation test script.
* Participated in daily scrum, sprint, grooming, planning, retrospective meetings as part of agile process.

**Solution Environment:** Selenium, JAVA, TestNG, XML, Cucumber, TESTNG, JIRA, Extent Report, Jenkins, Extent Report, GIT, MAVEN, JSON

**WestPoint Underwriter LLC, Tampa, FL Mar 16 to Oct 18**

**Project: Print Program Redesign:**

**Automation QA Analyst**

WestPoint Underwriter is an insurance company, which deals with property insurance to various clients. In that company I got a chance to work on one crucial project called Print Program redesign.

Print Program is bundled process including Print generator, Print dashboard and Print room. Print Program has the ability to automatically run checks to identify document data errors and reduce manual intervention.

**Responsibilities:**

* Strategize the methodology to be followed for each vendor, attend the requirements and vendor meetings to review the functional specifications and gather business information to gain insight and plan the test deliverables, identify gaps and lead the team in the scrum meetings with the vendors.
* Analyzed the system requirements and developed detailed **test plans** and **test cases** and provided the documentation.
* Wrote test cases and testing scenarios considering requirement document for various clients such as Excalibur, Heritage insurance and ATIC/MUSA and NFI.
* Validated that the policies are following the workflow by using this application.
* Performed **Data Driven testing** using **Java**, **Maven**, **Selenium WebDriver**, **TestNG** and **Apache POI**
* Used **Page Object Model** to **AutomateFunctional** and **Regression Testing** by creating **Hybrid Framework** using **Maven**, **Java**, **TestNG** and **Selenium WebDriver.**
* Created an **end to end Framework** for **Acceptance Testing** using **Cucumber**, **Maven**, **WebDriver**, **Java** and **TestNG**.
* Performed the Cross Browser Testing using**Browser stack.**
* Developed automated Test Scripts to perform Performance Testing, Load Stress Testing and Volume testing of the application by using**JMETER**
* Involved in Identifying the E2E scenario & Creating the Reusable methods, Generic methods & **Page Factory.**
* Used complex joining to retrieve date from multiple tables to verify the expected result.
* Connected to database to Query the database using **SQL** for data verification and validation.
* Performed **Web servicestesting** using **SOAPUI.**
* Created batch scripts to execute test cases from command line tool.
* Integrated the project with **Jenkins** for **Continuous Integration.**
* Wrote and executed **Test Cases** for **User Stories** and Logged **Defects** for **test failures** using **JIRA**.
* Followed **Agile testing methodology**, participated in **daily SCRUM meetings** and tested each **SPRINT deliverables.**
* Experience in **DOM** (Document Object Model) as I used it in interacting with objects in HTML, XHTML and XML documents.
* Developed test suite with **SOAPUI** for **web service** testing using different **assertions**
* Analysis of **test requirement** and **automation feasibility**.
* Used **Apache POI API**to register the **test data** from the **excel sheet.**
* Automate **regression testing using hybrid framework**i.e. both **data driven**&**Behavior driven** using **Selenium WebDriver.**
* Designed the **test scripts** and analyzed the results in various levels of the application including integration, **regression**, **functional** and **acceptance testing** using **Selenium**.
* Performed **functional testing** of **SOAP**& **Restful Web Services** using **SOAPUI Tool**
* Used **Java/JUnit t**o run **Cucumber feature** and **scenarios** and generating report daily basis.
* Performed **Sanity testing** in Production environment after application is deployed. This is to confirm that application is deployed correctly and working as expected.
* Created **automated script for REST-API** testing using **Rest Assured framework.**
* 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 WebDriver.**
* **Trained team members** about the Framework, script writing directions so that newly joined team members can come up to the speed and start working.
* Updated **Test Plans** and **Test Scripts** periodically to manage changes in requirements.
* Connected to **database to Query the database** using **SQL** for data verification and validation.
* Integrated automation scripts (Selenium WebDriver API) on **Continuous Integration** tools **Jenkins** for nightly batch run of the Script.
* Used **GIT as code repository** and Code Collaborator to manage code reviews.
* Develop test cases for **functional** and **Integration testing**
* Developed and maintained test documentation including test plans, test cases, and test data.
* Used Selenium (data-driven, XPath locator) WebDriver to test the web application.
* Involved in **Web Services Testing** using **ReadyAPI tool**. **Validated request and response XML**
* Provide **status updates in the sprint standup review meetings** on the achievements since the last scrum meeting andtheplan for the day.
* Worked with Developers, Business analysts and Project managers to determine requirements (Test Cases, Test Data).
* Executed the **test scripts on different releases** and validated the **actual results** against the **expected results.**
* **Solution Environment** Java, SQL server 2014, Selenium web driver 9.2, JAVA, TestNG, Jenkins, Maven, Cucumber, XPath, SOAP UI, GIT, Browser Stack, JMeter

 Eclipse, JIRA Agile, Windows, READYAPI, JMETER, JUNIT, TESTNG, SELENIUM, BROWSERSTACK, JMETER

**SAP Labs, Downers Grove, IL Jan 15 to Mar 16**

**Project: SAP Service Manager 4.0, 4.1 and 4.2**

## QAAnalyst

SAP CRM Service Manager extends the SAP CRM functionality to technicians in the field, using mobile technology to eliminate paperwork. Service Manager gives technicians access to SAP through a mobile device, with or without network access. Using the Service Manager Client application, technicians can retrieve service orders and service items assigned to them from the SAP system. They also have access to all customer information, including addresses, warranties, and install information. Technicians can complete the service order and update the status of the order in SAP directly from the mobile device. The CRM (Customer Relationship Management) product offering from SAP provides functionality that allows service providers to comprehensively track and plan service engagements with their customers.

**Responsibilities:**

* Gathered requirements, created the test plans and testcases with focus on the **functional** and **regression testing.**
* Attended design reviews, requirements sessions, **sprint demo** meetings and **scrum meetings.**
* Mostly done the **regression testing, smoke testing, cross browser testing and sanity testing** on various **Mobile devices** including iPad, iPhone, Android Tablet, Android Phone (HTC), and PPC, Surface Pro (Windows 8 tablet).
* Wrote the **test cases** on various functionality such as adding the reference object to the local and non-local service order, adding the reference object to the service order item and confirmation item.
* Created the test coverage document based on functionality.
* In depth knowledge of installing Virtual Machine for server.
* Composed **test scenarios, cases** and related data.
* **Defect reporting and tracking** on day-to-day basis.
* Performed manual testing on different Modules of the Application by executing the Test Cases.
* Participated in walkthroughs for the evaluation of the test plan with the QA Lead and design and development team.
* Analyzed system specifications and business requirements and helped create the detailed Test Plan.
* Worked closely with the IT QA team, Development team, vendors and UAT testers (Business) to ensure the complete test strategy is executed.

**Solution Environment:** Jira 5.1 and GTP NW 7.0 (global test system), Visual Studio.NET2008, C#, Webservices, MS Office2010, ADO.Net, XML, SQL Server2008, Visual Source Safe.

**SYCLO, LLC, Hoffman Estates, IL Oct 13 to Jan 15**

**Project: SAPCRM Sales Manager2.5**

## QA Analyst

SAP Sales Manager gives sales professionals access to SAP through a mobile device, with or without network access. Using the SAP Sales Manager Client application, sales professionals can retrieve accounts, activities, opportunities, and leads assigned to them from the SAP system. They also have access to all contact information, including account associations. Sales professionals can enter and update the status of leads and opportunities in SAP directly from the mobile device.

**Responsibilities:**

* Analyzed requirements, created the Test Cases with focus on the functional and regression testing.
* Attended design reviews, requirements sessions, and Scrum meetings.
* Experienced in Mobile Testing includes Device, Tablet and App Testing.
* Well versed in iPod, iPhone 4 and iPad1 & iPad2 device testing, PPC and Android tablet/Phone testing.  Hands on experience on **Mobile App Testing** (iOS, Android and Web OS)  Test Management tools used Jira5.1 and Quality Center 11.
* **Defect reporting and tracking** on day-to-day basis.
* Involved in writing test cases as per the Functional specifications.
* Performing manual (Functional) testing on different Environments like Build, QAS and production of the Application by executing the Test Cases.
* Involve in **Black box testing**, Functional testing, Integration testing, ad-hoc testing, Backend testing, User acceptance testing, Smoke Testing, Security testing, Regression testing.
* Responsible for collecting the **test data** in the pre-testing phase for positive and negative scenarios.
* Updating the **test cases** document according to review comments
* Updating **status report daily basis** and weekly basis by conducting meetings with QA team.
* Extensively used **Selenium IDE** to **record, playback** and debug individual test cases
* Installed different Servers for the testing purposes.
* Worked closely with the IT QA team, Development team, vendors and UAT testers (Business) to ensure the complete test strategy is executed.

**Solution Environment:** Jira5.1, Visual Studio.NET2008, C#, Webservices, MS Office Suite, ADO.Net, XML, SQL Server2008, Visual Source Safe