**Name: Bharathbhai**

**Sr.QA Automation Engineer Email:** [**bharathbhai958@gmail.com**](mailto:bharathbhai958@gmail.com) **| 647-313-7330**

**Professional Summary:**

* 4 years of experience in both manual and automated software Quality Assurance Testing of client-server and web-based applications and Backend testing.
* Well acquainted with all phases of SDLC and STLC and Defect Management Lifecycle. Experienced in implementation through Agile Methodology and attended regular SCRUM meeting.
* Specializing in the usage of Selenium WebDriver to execute test cases to compare application functionality to business requirements and analyse user requirements. Creating behaviours and step descriptions for BDD tests using the Cucumber programming language.
* Sound knowledge on Object Oriented Programming (OOP) concept. Extensively used Java for test case automation.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools like Selenium WebDriver/IDE/Grid, Junit/TestNG, JIRA, Jenkins and Quality Center.
* Extensive experience implementing different automation frameworks like keyword Driven framework, Data Driven framework and Hybrid framework.
* Writing Selenium Web driver automation scripts in java. Well versed with handling web elements in Selenium Web driver. Expertise in implementing testing strategies for the entire Oracle EBS implementation.
* Take the lead in developing UFT and Hammer Automation test scripts for the UCR IVR system with onshore and offshore personnel.
* Extensive experience in GUI, Regression, Functional, Integration, System, User Acceptance (UAT), Sanity, Performance, Stress, Reliability, compatibility, Cross Browser, Security and Database Testing.
* Excellent experience in developing Test Scenarios, Test cases, Test Scripts and Test reports for Manual as well as Automated testing for various applications to ensure proper business compliance.
* Writing test cases using element locators, Web driver methods, java programming features and TestNG annotations. Strong Experience in Webservices Testing (SOAP and RESTFUL) using Soap UI and Postman.
* Running Selenium test cases and submitting bug reports. Expertise in executing complicated SQL queries to do backend data validation and testing to ensure the accuracy, integrity, and completeness of data.
* Well versed in different management scenarios like Change Control, Quality Assurance, Defect Tracking, System Integration and Task Scheduling.
* Experience in performing database testing and working with SQL queries and database like Oracle, MS SQL Server and MySQL. Hands on experience in test driven development (TDD), Behavior driven development (BDD)
* Expertise in Data Driven testing (QTP) to check dynamic behavior of the application and analyzed the results and Experience with Regular expression, recovery scenario in QTP.
* Participated in defect management process, track and retest defects found during testing until fixed. Excellent interpersonal skills and a good Team Player and a very fast learner.
* Practical experience with SVN, TFS, GIT, and Maven for code maintenance and build verification. Create automation test scripts using the BDD and POM frameworks, then review test results and add bugs.
* Performed Smoke testing, Functional testing, Regression testing, Integration testing, ad-hoc testing and black box testing for improving product quality.

**Education:**

Bachelors in civil engineering from Uka Tarsadia University, India.

**Technical skills:**

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| Automation Tools | Selenium, Selenium IDE, Web driver SOAP UI, QTP, Protractor, Jasmine, Grunt, Postman, Assured |
| Test Management | Quality Center, MS Office, Jira, Rally |
| IDE | Eclipse, Selenium, Visual studio 10-12 |
| Language/Script | Java, C, PL/SQL, XML, HTML/CSS |
| Databases | MS SQL Server 2000/2005, OLAP and OLTP, Oracle 9i/10g, MS Access 2000, TSQL, Oracle PL/SQL, SQL\*Plus, SQL\*Plus, SQL\*Loader, MYSQL |
| Web Technologies | PHP, JavaScript, HTML, XML, HTML 5.0 |
| SOA Technologies | SOAP, REST, WSDL, UDDI, Web Services, SOAP UI, Rest Assure, Postman, |
| Processes | Software Testing Life Cycle, Defect Life Cycle, Testing Methodologies, Black Box Testing Techniques, White Box Testing Techniques, Agile Process |
| Reports | XSLT Testing reports |
| Build/CI Tools | Ant, Maven, Jenkins, Hudson |
| Frameworks | BDD Frame Work, Junit, TestNG, TDD, Data Driven, Keyword Driven, Hybrid Frameworks, JBehave, ATF (Automation Test Framework), Page Object Model, Modular Framework. |
| Operating Systems | Windows, IOS, UNIX and Linux |
| Security Tools | Acunetix, Nessus, AppDectective pro, Burp suit, Checkmark, Veracode, Metasploit |

**Professional Experience:**

**Client - Staples Promotional Products Canada, Toronto, ON Aug’21 – Till Now  
Role: Sr. QA Automation Engineer**

**Responsibilities:**

* Developed automation test scripts for Selenium WebDriver using Java and Maven to test web applications utilising the Page Factory paradigm and data driven framework. based on the manual scripts, created an automation framework from scratch using Selenium WebDriver.
* In depth understanding of Object-Oriented Programming and skilled in developing automated test scripts in Selenium from Scratch.
* Responsible for creating test scenarios for user stories and creating automation test suites using Selenium Webdriver. Integrated Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution and working on knowledge on testing and configuring Amazon Web services (AWS)
* Worked with fellow SDET’s, DevOps and Release & Delivery teams, Technical Delivery Management of onsite, offshore teams spread cross world and built the world-class commerce engine.
* Extensively worked on backend testing of EDR mainframe applications. Identify, track, and manage system bugs using the issue tracking tool Azure DevOps
* Created a Selenium data-driven testing framework that dynamically collected data from web controllers. Using Java and Selenium WebDriver to create and run scripts for Selenium automation, and Eclipse IDE Test to automate test cases.
* Involved in Mobile Testing includes App Testing. Test automation for web application using Cucumber. Generalized the scripts using regular expressions and handle errors using exception handling mechanism of UFT.
* Worked on JMeter to create Thread Groups and test Web Application for various loads on key business scenarios.
* Created Selenium web-driver automation scripts using Java and Java Script to validate functionality on browsers. Worked on Test Planning, Test Strategy, Test management, Test Results
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine. Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities of the application using Selenium.
* Developed the features, scenarios, step definitions for BDD (Behavior Driven Development) and TDD (Test Drive Development) using Cucumber, Gherkin and ruby. Validated the Data on Mainframes using batch testing
* Performed the Testing on the various mobile devices with a various platform (iOS, Android). Worked extensively on TestNG framework using Eclipse IDE and Selenium WebDriver.
* Worked on both Web Application and Desktop application using selenium. Experience writing automation scripts for monitoring and notification tools using Java.
* Followed agile methodology, QA group meetings, sprint retrospective meetings and daily stand-up meetings. Worked on EBS RELEASE FORM prototype development.
* Proficient in writing Selenium Web Driver automation scripts in Java, JavaScript using Maven, cucumber. Hand on experience on Touch-UI, AEM Form
* Prepared and executed of test scripts using JMeter and SOAP UI tool to perform Web Services testing. Developed BDD tests using Cucumber by writing behaviors and step definitions
* Experience in writing the feature files, step definitions for that test case.
* Design developed and implemented Page Object Model Pattern based on Behavior. Implemented Page Object Model Automation framework with Java, Selenium WebDriver and Cucumber.
* Driven and TestNG automation testing framework utilizing Selenium Web-Driver. Experience in Azure DevOps (ADO) environment using visual studios (VSTS).
* Analyzed the test results and logged the defects using HP ALM 12.01/Quality Center 10.0. Coordinated Web and Mainframe projects for schedules, requirements gatherings, timelines
* Developed automated scripts using UFT for GUI, Functional, Regression and Back-end testing by writing user defined functions and inserting applicable checkpoints.
* Responsible for Acceptance Test Driven Development (ATDD) or Behavior Driven Development (BDD) approaches to developing and testing software.
* Wrote scripts, executed tests and generated detailed reports for load analysis installing and configuring LoadRunner
* Hands on experience using MS Visual Studio, doing backend testing using JavaScript etc. Used Selenium WebDriver APIs for writing TestNG test suites and test cases for functional testing.
* Done Code Management for upstream and downstream modules in Eclipse IDE.
* Developed and carried out extensive suites of automation test plans and test cases while employed as a Software Development Engineer in Test (SDET).
* Extensive experience in testing applications on Adobe AEM (Adobe CQ) platform. Experience on workflow validation.
* Planned/wrote POS new function test plan, test cases, regression tests, suggested and enhanced testing process.
* Created and executed database queries (SQL) to validate database data integrity. Used SOAPUI (use of groovy script) for test data setup in Test Driven Development.
* Executing the test plans on web and mobile (Apple & Android) as per requirements. Experience working with Rest API’s and SOAPUI and Postman for generating the response.
* Created automated test scripts for Rest API’s in Postman and invoke them with Newman. Using JavaScript developed pre-request scripts and test scripts for Rest API’s in postman.
* Contributed to the Guidewire policy centre project to verify the response and error logs of the Rest API. utilising Guidewire Policy Center's data validation tools, automated Rest APIs, and the Rest Assured framework.
* Manual test components and templates in AEM author and publish mode across platforms and browsers. Led global test team, allocating assignments, reporting metrics, and ensuring team met deadlines.
* Documented and reported test outcomes by collecting, analyzing, interpreting, and summarizing data. Created policies in Guidewire and validated Guidewire logs and billing center.

**Environment:** Selenium Webdriver, Java, Specflow, Gherkin, Jenkins, Visual Studio, RESTful API’s, TFS, SQL Server, MS Excel, Agile, Gherkin, Postman, BDD, Cucumber, LoadRunner, Protractor, Jasmine, Cucumber, Agile, POM, HP ALM, XML, GIT, Web services, Rest API, Soap, UFT, Cassandra, Test NG, Junit, SQL, Postman.

**Client: Sun life Financial, Alberta, CA Jun’20 – Jul’21  
Role: QA Automation Engineer**

**Responsibilities:**

* Analyzing the Business Requirement Document, High level and Low-level design documents. Create and review - Test scenarios, Test suite preparation, Test Data creation, Test case execution and Defect logging.
* Conducted Functional testing, Regression Testing using selenium with Data-driven framework and Key- Word driven framework.
* Proficient in using Test Management tools like Quality Center, JIRA, Zephyr and Azure DevOps Integrate UFT and HP ALM, such a way Automation test scripts can be initiated via HP ALM Test Plan module.
* Created automation test scripts using data driven framework and Page Factory model to test the web applications using Selenium WebDriver with JAVA and maven. Worked with test JCL on mainframes for DMV application testing
* Writing libraries and test scripts in Java for the automation testing. Used AWS Lambda to manage the servers and run the code in the AWS
* Involved in Regression testing using Selenium and Creation of automation scripts for web pages. Integrate UFT and HP ALM, such a way Automation test scripts can be initiated via HP ALM Test Plan module
* Used Jenkins to execute the test scripts periodically on Selenium Grid for different platforms. Experience in setting up test environments for automated script execution using TestNG
* Automated AngularJs applications using Protractor, Jasmine, SDET (spec, config files). Performed Cross browser testing and parallel testing using TestNG and Maven on Selenium grid.
* Validated the Data on Mainframes using QMF and SPUFI. Develop Behavior Driven Development (BDD) and Behavior Driven Testing (BDT) with Cucumber JVM to implement Test Driven Development (TDD).
* Worked on converting QTP/UFT scripts to Selenium. Coordinated mainframe test datacenter operations
* Wrote scripts in Java for extracting data from HTML file. Expertise in grouping of test suites, test cases and test methods for regression and functional testing using TestNG Annotations like Groups, Parameter, Data Provider and Tags.
* Experienced in Web services testing using HP UFT/API and SOAPUI. Tested and Verified the tax calculations in the ITS TAS web based mainframe application
* Integrated Jenkins with version controller (GIT) and scheduled builds to run automatically during a build release by invoking predefined maven commands. Used Linux/Unix commands for using GitHub through cmd.
* Involved in the usage of BDD framework to develop Cucumber Step Definitions, Scenarios and Features using acceptance criteria.
* Wrote Features using Gherkin format and implemented the step definitions using Cucumber for User Acceptance Test (UAT). Experience with the Cloud (Azure) DevOps - Infrastructure and Platform as a service.
* Utilized Apache POI jar file to read test data from the excel spread sheets and load them into required test cases.
* Administered and Engineered Jenkins for managing weekly Build, Test, and Deploy chain, SVN/GIT with Dev/Test/Prod Branching Model for weekly releases.
* Working with Unit Test Frameworks like TestNG, Junit, and Jasmine, SDET. Writing complex XPATH using following and preceding and using functions like contains and not contains.
* Executed test cases in real device for both mobile app and mobile website. Automated the test scenarios for new angular migration module using Jasmin and Protractor
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine. Used cucumber to automate services using Rest API.
* Executed and tested different crystal reports generated from mainframe jobs. Used runner classes in cucumber to generate step definition and also used tags to run different kinds of test suites like smoke, health check and regression.
* Developed LoadRunner scripting using Web Services and web-http protocols. Created profiles in maven to launch specific TestNG suite from Jenkins job
* Implemented SOAP UI tool to test SOAP based architecture application to test SOAP services and RESTAPI.
* Used the Rest Assured java library to automate Restful Web services. Involved closely with developers in Development of UI modules using HTML, JSP, JavaScript and CSS.
* Wrote object-oriented JavaScript for transparent presentation of both client- and server-side validation. Used the Groovy language to verify Webservices through SOAP UI.

**Environment:** JAVA, Selenium WebDriver/Grid, Jasmine, Protractor, HTTP, CSS, Maven, Eclipse IDE, SOASTA, GIT, Agile, TestNG, Cucumber, HP ALM, Web Services, SOAPUI, RALLY Log4j, Apache POI, XML, HTML, Jenkins, SQL, REST API, JIRA, LoadRunner, TFS, Salesforce, Web FOCUS, UFT.

**Client: Wipro**   **Jun’18 – May’20  
Role: QA Analyst**

**Responsibilities:**

* Analyzed the Business Requirements Document, put input in Test Plan and prepared detailed Test Cases for new functionality.
* Employed Test Driven Development (TDD) and Behavior Driven Development (BDD) Extreme programming approaches.
* Writing and executing BDD Automation scripts, Creating Test strategies, Test plan and BDD stories. Associated with development team to understand technical design and architecture for test planning.
* Designed and developed Page Objects using Page Object Design Pattern and Selenium WebDriver.
* Developed Test Case, Test Script using C#, Selenium Web Driver and created automation framework using TestNG.
* Created Selenium WebDriver automation scripts using Java to validate functionality on various browsers.
* 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. Configured Jenkins build job for continuous Integration and for Regression Testing.
* Interacted effectively with peers, management and cross-functional teams to address and resolve issues. Analyzed the test results and logged the defects using HP ALM.
* Wrote Features using Gherkin format and implemented the step definitions using Cucumber for User Acceptance Test
* Configured Selenium WebDriver and created Selenium automation scripts in java using TestNG prior to agile release.
* Prepared TestNG.xml and build.xml to work for access scripts and run them in remote system. Prepared Traceability Matrix to ensure the adequate coverage of the test cases.
* Worked on analysis of FACETS billing processing system and gathered requirements to comply with HIPAA.
* Developed test code in Java language using Eclipse IDE and TestNG framework. Updated Test Plans and Test Cases periodically to manage changes in requirements.
* Maintained and executed Maven build files for running automated tests. Validating Functional requirements using JIRA and Confluence
* Involved in User Acceptance testing (UAT), to test the application for various modules/joins in the application with the assistance of Cucumber in a Behavior Driven Development (BDD) Framework.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using Cron job.
* Tested compatibility of application for dynamic and static content under various cross browsers using XPath, CSS Path in Selenium.
* Involved in validating Sanity, functional, Integration and Regression test suites using Selenium and the request and response of the Webservices (SOA) through SOAP UI. Used Git as code repository and Code Collaborator to manage code reviews.
* Developed User Interface using JavaScript and tested End-to-End Testing using Protractor Automation Tool.
* Uploaded test cases executed test cases and logged defects in Mercury Quality Center. Efficient management of Jira for bug tracking and Confluence for design documents.
* Developed and executed SQL queries in the database to conduct Data integrity testing by checking the data tables on the server.
* Tested applications in different types of browsers and versions, such as Internet Explorer, Firefox, Google Chrome to simulate production environment.
* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.

**Environment:** JAVA, C#, Angular JS, Selenium Web driver, TestNG, Agile, FACETS, Rest, Soap, Selenium GRID, Smoke, PL/SQL, HP ALM/ Quality Center, Jira, SQL Server Management Studio, Windows NT, Rest, Oracle, JMeter, XML, Java, HTML, Claims, Soap UI, UFT, AWS, Windows.