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Professional Summary:

- 8+ years of experience working as QA Engineer for Software Development and Testing life Cycle including preparation of Test Strategies, Test Plans, Test Cases, Test summary reports for both Web and Client-Server Applications.
- Experience in healthcare, Brokerage, media domains.
- Expertise in **cucumber** tool that computer programmers use for testing other software. It runs automated acceptance tests written in a behaviour-driven development (**BDD**) style.
- Well experienced in implementation through **Agile Methodology** and attended regular **SCRUM** meeting.
- Experience in designing, developing, enhancing module base automation using Tricentis model-based automation tool **TOSCA 13.2**.
- Using of existing Tricentis Modules wherever applicable
- Creating Test Template for test instances using template conditions.
- Actively involved in developing automation scripts using **TOSCA 9.1**, Creates Business Process Models test cases using **ALM BPT** add-on
- Developed **Data Driven Tests using TOSCA** and automated functional testing.
- Extensive experience in **shakeout, GUI, functional, End to End System, Integration, Regression, Backend and User Acceptance Testing, Performance testing, Security testing, Convention/migration testing, integration testing and test frameworks**.
- Extensive experience in **interface testing (API Testing)** and ensured data and control between **middleware** and backend systems are working properly.
- Expertise in Selenium automation using **Selenium Web driver, TOSCA, JAVA, JUnit, TestNG**.
- Experience in testing MuleSoft APIs and documenting the test scenarios
- Experience in setting up test environment for automated script execution using Java, Appium and TestNG
- Strong knowledge in web services testing via Tool Postman, SOAP UI/ Restful web services
- Experience in RESTFULL web service Testing using Rest Assured framework java. Validated JSON formatted data, different http status code like 200, 201, 400, 415, 500etc.
- Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Center, JIRA, IBM Clear Quest, Bugzilla.
- Design and execute features of ATDD (Acceptance Test Driven Development)/BDD using Selenium, Cucumber for Java.
- Experience with API/Web Service testing using JMeter, Advanced REST Client and Postman.
- Worked with JMeter, created scripts and ran performance tests and created reports.
- Experienced in using Selenium Grid, Sauce Labs, and Docker for cross platform and cross browser testing by running the Test Scripts on various virtual machines.
- Experienced in NoSQL technologies like MongoDB, Cassandra and relational databases like Oracle, SQLite, PostgreSQL, and MySQL databases.
- Experienced in configuring Jenkins as a Continuous Integration server with GitHub and Maven.
- Understanding, learning and applying new automated build, test and deployment capabilities and help develop project teams towards integrating such solutions
- Expand awareness, knowledge and experience on automation with in CI/CD pipelines
- Involve in web services (REST & SOAP) database technologies, and SOA/Micro Services architecture.

- Professional in designing, developing and enhancing automated test scripts for Selenium using Python.
- Solid SQL skills, can write complex SQL queries; functions, triggers and stored procedures for Backend testing and End-to-End testing.
- Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.
- Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

Educational Details:

Masters – Computer Science, University of The Cumberlands, Kentucky.

Technical Skills:

Automation Frameworks	Data Driven, TDD, BDD (Cucumber).
Automation Testing Tools	Selenium IDE/RC /Web Driver, IBM RFT.
Mobile Automation Tools	Appium, IOS & Android drivers
Automation Domain	Web UI, RestAPI/Web Services, Cross Browser Testing, Mobile Apps Testing, Cypress.
API Testing tools	SOAP UI, POSTMAN
Performance & Load Tools	JMeter, HP LoadRunner.
Agile Management Tools	JIRA, CA Agile Central.
Test Management Tools	HP ALM, IBM QM
Primary Languages	Java, C#.
Continuous Integration	Jenkins, Docker.
Databases	MS-SQL Server, Oracle
Source Control Tool	SVN, Git
Build and Logging Tools	Ant, Maven

Work Experience:

Sammons Financial Group – SD

August 2021 to Present

Role: QA Automation Engineer

Responsibilities:

- Involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Agile methodology.
- Worked on Selenium GUI Object / element verification is done through XPath, CSS Locators.
- Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in Java for Cucumber.
- Used java and HTTP Client to automate Backend Rest Service layer.
- Implemented logic towards a robust Rest service testing process and code clean up.
- Used Postman & SOAPUI for rest service testing.

- Designed and documented REST/HTTP, SOAP APIs , including JSON data formats and API versioning strategy.
 - Create detailed checklists (testing plans) in Azure DevOps for each user story.
 - Create easily reproducible bug reports in Azure DevOps and track their resolution.
 - Updated the framework with helper methods while developing Rest API automation scripts.
 - Implemented BDD through Cucumber and created the Feature Files for Cucumber Automation.
 - Prepared and executed Unit cases, integration test cases and end to end Automated test cases in MuleSoft using Munit for Rest API and JSON testing validate JSON request, response in Postman
 - Automated and executed MuleSoft Rest Service by using Rest Assured and Java
 - Responsible for API validation developed using IBM WCS and MuleSoft API gateway using Postman
 - Expertise in developing automation scripts in BDD format using cucumber and proficient in writing cucumber scenarios in GHERKIN format.
 - Used automated scripts and performed functionality testing during the various phases of the application development using Selenium IDE.
 - Triggered the automation jobs using Jenkins to get the cucumber JSON reports.
 - Good knowledge on web services tools Rest API and understanding of HTTP code responses.
 - Involved in testing REST services using Rest Assured and tested both XML and JSON formats.
 - Used Postman API to get convenient, visual display of query results.
 - Created automated script for REST-API testing using Rest Assured framework.
- Environment:** Java, Selenium, Cucumber, Gherkin, WebDriver, Jenkins, XPath, Jira, Postman, JMeter, Restful Web Service, Eclipse, HTML, XML, CSS, SQL, Git.

NC State DHHS – Raleigh, NC
Role: Dev/Automation Tester

April 2019 to Aug 2021

Responsibilities:

- Analyzed business requirements and functional documents, created the test strategy document that define the test environment, phases of testing, entrance and exit criteria into different phases of testing and resources required to conduct the effort.
- Involved in writing Test Case by using Wireframe, Design docs and Acceptance criteria.
- Drafted Test Plan which included testing objectives, testing phases, scenarios and test environment after a thorough analysis of the business rules.
- Developed Automation framework using Selenium Web Driver.
- Developed automation framework for Selenium Web driver in Modular Framework model.
- Strength in Total Automation using **TOSCA, Selenium - Java, WebDriver**, Quality Assurance, Engineering, and business development function as well as expertise in Total Quality Management and use these functions effectively to achieve the overall objectives of the organization.
- Actively involved in developing automation scripts using **TOSCA 9.1**, Creates Business Process Models test cases using **ALM BPT** add-on.
- Extended TestNG framework by adding some helper classes and methods.
- Developed Selenium test cases using TestNG framework
- Maintained and executed Maven build files for running automated tests.
- Used Maven to help manage project's build, report and documentation across the network.
- Involved in the Continuous Integration of the automation framework with Jenkins.
- Created automation framework in Selenium WebDriver using behaviour driven approach like Cucumber.
- Tested applications developed in Java with J2EE framework.
- Performed GUI, Functional and Regression testing by automated using Selenium and Jenkins.
- Worked on Self Service portal and Case worker portal end to end flow automation cases.

- Testing of web services using SOAP UI.
- Created the data driven framework using HP Service Test and SOAP UI.
- Created automation scripts in SOAP UI using Groovy Script for web services testing.
- Used Selenium WebDriver for writing test scripts for regression test coverage.
- Worked on Data Driven Framework and MVC for Automation test scripts.
- Integrated Selenium WebDriver with existing API to test framework.
- Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites.
- Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
- Involved in providing the efficient locators strategy like XPath and CSS to run Selenium RC script in stable condition.
- Used HP ALM 11.0 for Test scripts for Defect Management and SharePoint for version control of Documentation and accessibility by all project teams.
- Worked with source version control tool such as Subversion (SVN).
- Performed Backend Testing of the application by writing SQL queries.
- Coordinated with technical support associates to fix proprietary software issues.
- Created manual test cases, reviewed with different stakeholders to validate the functionality.
- Verified, edited and update test data in new or existing systems before testing.

Environment: Java, Selenium WebDriver, Jenkins, Cucumber, Maven, TestNG, HP ALM, Quality Center, SOAP UI, MVC, XPath, HTML, Curam, CSS, JavaScript, SVN, SQL and Windows

The Lacek Group - Minneapolis, MN

March 2017 to March 2019

Role: QA Engineer

Responsibilities:

- Created and implemented Test Plan and Test Strategy Document outlining the scope, objectives, timeline and focus of software testing effort for functional, regression, user acceptance and stress testing.
- Involved in Iterations/Sprint planning meeting to plan the stories that needs to be developed and tested in the upcoming sprint.
- Implemented automation using Selenium WebDriver, JAVA, Selenium Grid, Cucumber, Maven.
- Expertise in developing automation scripts in BDD format using cucumber and proficient in writing cucumber scenarios in GHERKIN format.
- Implemented test automation scripts for mobile testing using Appium for Android and iOS applications
- Used Appium to facilitate mobile testing by creating mobile driver class with the required Mobile capabilities
- Wrote Selenium scripts to create reusable components in Test driven framework.
- Involved in querying using SQL and updating records and validate database records as expected.
- Worked with Chrome extension Postman REST Client, an HTTP client for testing web services.
- Involved in testing rest services using rest assured and validated both XML and JSON formats.
- Validated Web Services and RESTful calls by comparing the data with Database and User Stores.
- Performed API Level testing for web services, enhanced the Test harness and developed many Test suites using XML.
- Used java to develop Automation framework to Validate Restful Web Services.
- Used Postman API to get convenient, visual display of query results.
- Proficient with testing REST APIs, Web & Database testing .
- Web Service Request Response Validations using Advanced Rest Client and SOAP UI.

- Performed web services testing on XML Schema. WSDL using SOAP UI and validated them in SOAP and in the Back-end Databases.
- Documented the process of automation framework and created transition document in Confluence for new resources.

Environment: Java, Selenium Web Driver, Maven, Cucumber, Gherkin, TestNG, Browser stack, Jenkins, XPath, Eclipse, SOAP UI, Postman, Cypress, JIRA, Confluence, Git, HTML, XML, CSS, SQL, Docker, JMeter.

Krish IT Solutions - Bangalore, India

June 2013 to June 2015

Role: Test Analyst

Perform end to end functional tests in order to validate that a functionality has been successfully integrated. You will be responsible for running a suite of tests to validate builds for delivery, including operational tests that reflect the operational use of the TU system and performance tests that benchmark the systems stability and performance. Another key component of this position will be diagnosing and troubleshooting systems to resolve problems uncovered by the testing, and providing detailed documentation of the test and results to develop scripts and incorporate/replace test harness to automate test execution/analysis.

Responsibilities:

- Performed different testing task using various test scripts on Selenium WebDriver and TestNG
- Responsible for fixing and maintaining regression automation test scripts for end-to-end testing using Selenium WebDriver (using Java).
- Involved in testing the application utilizing the Scrum (Agile) methodology.
- Involved in functional testing, black box testing, negative testing, compatibility testing, and recovery testing.
- Involved in testing compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
- Strong experience in testing mobile applications on both iOS and Android applications.
- Working with technical on various Facet extensions for provider, member eligibility, and claim table uploads.
- Designed and executed the Automation Test Scripts using Selenium WebDriver and TestNG
- Wrote Ant build scripts to automate the compilation and execution of TestNG test cases/suites
- Developed and executed SQL queries in the database to conduct Data integrity testing by checking the data tables on the server.
- Data Validation and testing using SQL with Oracle and Toad
- Closely involved with development team, maintenance team and business team regarding changing requirements, builds and releases.

Environment: Java, Selenium WebDriver, TestNG, Maven, Jira, SOAP UI, UFT/QTP, Eclipse, XML, HTML, SQL, Oracle, Windows.