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**PROFESSIONAL SUMMARY**

* A dynamic and an achievement oriented **SDET - QA Automation Engineer** with 7+ years of experience in Information Technology as a specializing in **Enterprise-Wide Web** and **Client Server Applications**.
* Extensive experience and knowledge of different phases of **Software Development Life Cycle (SDLC­)**, **Software Testing Life Cycle (STLC), Defect life Cycle, Agile** and **Scrum methodologies.**
* Experience in **Test planning**, **Test Design**, **Test Execution**, Test **Automation using selenium, CICD, Framework design** and **Defect Reporting** and **Tracking**.
* Experience in **Core Java Programming** using **OOPS concepts, String, Collections, Exceptions handling** etc.
* Designing and building Frameworks like **Behavior Driven Development (BDD/TDD), Hybrid, Keyword driven,** and data driven using Selenium Web driver, Java as a programming language from the scratch in a complex and fast paced environment.
* Experience in testing **Web Services**-SOA architecture, RPCs, XML transactions, SOAP, HTTP, WSDL, and REST using various industry standard tools like **SoapUI**, **POSTMAN, Ready API, Rest Assured**.
* Experience in developing **Behavior driven development (BDD/TDD)** using Gherkin language and Cucumber tool, created scenarios in feature files, step definitions, test runner etc.
* Good experience in testing and Automating **AngularJS** applications using **Java script, Java, Selenium.**
* Implemented automation using **Selenium WebDriver, JAVA, BDD, Jbehave, Serenity, SVN and Maven**.
* **Data Defined and Manipulate (DDL/DML) using SQL Queries in MYSQL (Oracle database).**
* Experience in developing and understanding of **HTML, XML, CSS,** and experience in using version control tools like **SVN, Git, GitHub.**
* Experience in **Cross Browser** Testing and **Parallel Test Execution** using **Selenium Web Driver**, **TestNG and Selenium Grid.**
* Experience in using unit testing frameworks like **Junit, TestNG, good** knowledge in configuring the test suites in **TestNG .xml file. Experience** in using build tools like **Maven** and configuring **pom.xml.**
* Expertise in developing Test Framework from scratch using **Page Object Model (POM)** and maintaining the **object repositories,** experience in using java libraries like **Apache poi and Jar Files.**
* Experience in working with web debugging tools like **XPath, Fire Path, and Firebug** and provided efficient locators for strategies like **XPath and CSS** to run test scripts.
* Good knowledge in **DEVOPS concepts** and working knowledge on **Continuous integration and Continuous delivery (CICD)** by using tools like **Jenkins**.
* Automated Web services using groovy scripting, data sourcing and data source looping, **driven required data** from excel sheets into **Ready API** to send requests and stored the data from responses into the respective excel sheets.
* Tested the **API’s** as well as validated the data returned through web services responses using **Assertions** such as Valid HTTP Status Codes, Script Assertions, Contains, XPath, XQuery.
* Experience in using the Test management and **Defect Tracking tools** like HP Quality center/ALM, Jira/Agile Central
* Extensively worked on creating Test Sum
* Making Reports, **Requirements Traceability Matrix (RTM**) and Defect reports.
* Capable of working independently or as part of a QA/Project team, as required by the project. Able to effectively and cooperatively interface with all levels of management and staff.

**TECHNICAL SKILLS**

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| **Project Methodologies** | Agile/Scrum, Waterfall. |
| **Automation Testing Tools** | Eclipse, Selenium (WebDriver, RC, IDE, Grid), TestNG, JUnit, Cucumber, SoapUI, Appium. |
| **Frameworks** | Cucumber, Keyword Driven, Data Driven, Hybrid. |
| **Version Control Systems** | GIT, SubVersion. |
| **Test Build & Integration Tools** | Jenkins |
| **Bug Tracking Tools** | JIRA, HP ALM & Quality Center, Rally. |
| **Markup Languages** | HTML, CSS, XML |
| **RDBMS** | MS SQL Server, MySQL, Oracle. |
| **Operating Systems** | Windows XP/7/2008/10, Mac OS, Android, IOS, Java. |
| **Programming tools/Languages** | C, UNIX shell scripting, Java, Java Scripts, SQL. |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Microsoft Edge. |
| **MS Office Tools** | Excel, Outlook, PowerPoint, and Word. |
| **Project Methodologies** | Agile/Scrum, Waterfall. |
| **Automation Testing Tools** | Selenium (WebDriver, RC, IDE, Grid), TestNG, JUnit, Cucumber, SoapUI, Appium, Rest Assured, Rally, Quality Center, IntelliJ Idea Community edition, Mainframe Display. |

**PROFESSIONAL EXPERIENCE**

**Client: Macy’s Duration: August 2021- Present 2022**

**Role: QA Automation Tester /SDET Location: Atlanta, Georgia**

**Project Description:** The projects for the client are on the multiple technologies in the Retailing marketing working on and the names are UOP (Unified Order Platform), Shipment Processor (SP), Order Capture/Order Management (OC/OM). All of the modules are brought up in the agile environment and follows the agile methodologies and implemented and tested in the same environments only. We create the entities or the required fields in this like the order fields, shipment processes, delivery methods, flow of the orders in this project. It is all based on the Retail Technology and ecommerce and Point Of Sale (POS) platform domains. Successfully worked with all the teams and implemented the projects successfully.

**Responsibilities:**

* Developed the test cases and test strategies in and for the project in Agile Methodologies**.**
* Executed the test cases in the Eclipse environment and the Eclipse configurations.
* Executed the test scripts in Eclipse using Selenium WebDriver Technology.
* Written the test scripts in BDD and Gherkin framework and formats to test them using Selenium WebDriver.
* Debugging and rerun the test cases using Selenium and fixing the errors also manually.
* Involved in Defect Tracking mechanism in the automation testing process.
* Involved in setting up the automation framework using **Selenium Web Driver, TestNG.**
* Assisted Manager by providing automation strategies, Selenium/Jbehave Automation and Serenity reports.
* Worked in **JIRA** environment and for the testing project management.
* Worked with POSTMAN tool, involved in the executions of the test data using POSTMAN tool.
* Having Experience in the Database management systems, Workbench and SQL Developer.
* Involved in Writing and Implementing the queries in the Database and creating all the Database connections individually.
* Worked in Solving the queries, execution of the queries for the given Test cases.
* Involved in back-end testing for validate the back-end data and compare the front-end data and executed SQL queries.
* Prepared the test data for positive and negative testing for executing the test cases.
* Identify the Test Scenarios, developed and reviewed test cases as per the requirements.
* Modified and maintained test cases with changes in application interface and navigation flow for further releases.
* Involved in the Test Releases and QA management.
* Analyzing the **Business Requirements Documents**, High level and Low-level design documents.
* Create and review - Test scenarios, **Test suite preparation**, Test Data creation, Test case execution and Defect logging.
* Having experience working on API Testing using **SOAP UI** tools.
* Worked with the Zeus environment.
* Good experience in working with the Hybrid Frameworks environment.
* Worked in Testing with the test cases developed in Cucumber-Gherkin framework.
* Worked with the tools IntelliJ IDEA Community Edition 2021.3 and with Java environments and tools.
* Developed Java scripts and required Java files for to develop the test cases in Selenium.
* Worked in the Client and Server Host environments like **Mainframe Display (Blue Zone environment)** IBM 3270 Mainframe Hosts and via TN3270/TN3270E connections.
* Implemented the tests and the test results also using the Mainframe Display.

**Environment:** Selenium WebDriver, Java, TestNG, Junit, Cucumber, JIRA, Soap UI, Serenity Reports, CSS, XML,Jbehave, MS Office, HTML, SQL, MS Access, Postman, Zeus, Quality Center, Mainframe Display, IntelliJ Idea Community edition.

**Client: Lennox International Duration: Oct 2019-August 2021**

**Role: Software Development Engineer in Test SDET Location: Richardson, TX**

**Project Description**: Lennox deals with control products for the heating, ventilation, air conditioning and refrigeration markets. Here we have a customer portal which consists of the product data sent to different end customers. the end customers can also place a request on our customer portal and for the products needed. We have different sections like Customer usage statistics and Customer Interactions Channel & Help sections.

**Responsibilities:**

* Developed test plans and test cases within a Waterfall Methodology.
* Executed all test cases in different phases of testing like GUI Testing, Functional, Regression, Integration, System, Sanity and User Acceptance Testing.
* Involved in complex test cases dealing with Business rules, under writing issues and validations.
* Involved in test cases related to quote screens and rating behavior.
* Tested the behavioral changes in modifiers according to question sets response.
* Developing Test plan of the application as per technical specifications.
* Developed Automation framework both Data driven and Hybrid using Selenium Web Driver in Java and performing unit testing by using TestNG.
* Involved in setting up the automation framework using Selenium Web Driver, TestNG.
* Involved in automation testing using Java and selenium.
* Worked on Jenkins for continuous integration and continuous delivery (CICD).
* Used XPath and DOM to work with dynamic and static objects in Selenium.
* Creating and maintaining various databases using Oracle.
* Prepared manual test cases for service appointment creation, modification, and deletion.
* Created automated test scripts for validating the nightly product builds and regression testing.
* Maintained Defects using Defect Tracking System in JIRA.
* Also had experience using ETL and the databases for backend testing.
* Worked on IDEs like STS and Eclipse.
* Summarize test results in formula test analysis reports according to the documentation standards.
* Involved in testing Web services (SOAP and REST) and XML with tool called 'SOAP UI' for the local WSDL / with URL and created Test cases, run them, do load testing, security testing.
* Involved in back-end testing for validate the back-end data and compare the front-end data and executed SQL queries.
* Prepared the test data for positive and negative testing for executing the test cases.
* Identify the Test Scenarios, developed and reviewed test cases as per the requirements.
* Modified and maintained test cases with changes in application interface and navigation flow for further releases.

**Environment**: Selenium WebDriver, Java, TestNG, JIRA, Soap UI, CSS, XML, MS Office, HTML, SQL, MS Access, Windows, Quality Center.

**Client: Machinellium Mavericks and Projects &Consultants Company- MMPC Duration: Jun 2018- Sep 2019**

**Role: SDET / QA Automation Engineer Location: Dallas, TX**

**Project Description:** This client is based on the Webservices domains and the QA platforms for testing the projects and the description. It is the project based on different technologies like the ecommerce domain and the billing systems and the finance platform is also included**.**

**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.
* Created automation test scripts using Data driven framework and **Page Factory model** to test the web applications using Selenium WebDriver with JAVA and maven.
* Expertise in using **Selenium Grid** to run test scripts on different platforms and against different browsers in parallel to save time.
* Used **Jenkins** to execute the test scripts periodically on Selenium Grid for different platforms like desktop, tablet and mobile.
* Performed **Cross browser testing and parallel testing** on Chrome, Firefox and Safari using TestNG and Maven on Selenium grid.
* 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.
* Utilized Maven to manage dependencies for test execution, plug-ins and **Created profiles of grouped test cases** to run sanity and regression testing.
* 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 **developing BDD** Framework from Scratch.
* Involved in the usage of BDD framework to develop **Cucumber Step Definitions, Scenarios and Features** using acceptance criteria.
* 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.
* Handled Selenium Synchronization problems using **Explicit & Implicit** waits during regression testing.
* Experience in writing complex **XPATH** using following and preceding and also 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 **Selenium Web driver.**
* Worked with AWS cloud machines to setup **selenium GRID and also Jenkins** server on HUB machine.
* Used **Cucumber** to automate services using **Rest API**.
* 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.
* 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 JavaScrip**t for transparent presentation of both client- and server-side validation
* Used the **Groovy language** to verify Webservices through SOAP UI.
* Shared Daily Status Reports with all the team members, Team Leads, Managers.

**Environment**: Selenium Web driver, Grid, GitHub, XML, HTML, Jenkins, MAVEN, CSS, RALLY, GUI, BDD framework, Cucumber, Agile, SQL, MSSQL, MYSQL, JAVA, JavaScript.

**Client: Broadway Bank Duration: Sep 2016- May 2018**

**Role: QA Automation Engineer Location: San Antonio, TX**

**Project Description:**

Project LDC D&C

The project is based on banking domain and involved development of KYC Data for the client. My role is to analyses the data and validate, apart from frequent client interaction and being an interface between the client and the work team. Successfully completed the project in a record time to the satisfaction of the client.

**Responsibilities:**

* Worked as QA team member in testing application and performed Agile testing, review the stories and participated in Daily Scrum, Iteration Planning and Release Planning meeting.
* 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.
* Created Java based scripts for Selenium WebDriver with JUnit as automation framework.
* Performed GUI and Flash component testing and Cross Browser compatibility testing during the releases.
* Developed Hybrid framework.
* Used Maven to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.
* Used Selenium GRID to execute test cases in parallel on different target machines.
* Used Build tool like Maven to generate test report.
* Monitored the test execution in Jenkins once the code pushed into Continuous Integration.
* Proven success in establishment of agile test practices including acceptance test automation using acceptance test driven development methodology.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Performed Unit Testing of java application.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services.
* Created automation scripts in SOAP UI using Groovy Script for web services testing.
* Involved in performing Smoke, Functional, System and Regression and backend Testing.
* Reported software defects in Quality Center and interacted with the developers to resolve technical issues.
* Wrote SQL Query to extract data from various database tables for testing purpose.
* Involved in creating a Manual Test Cases. Tests were grouped into test plan and executed. Results were recorded and published to management.
* Identified and documented defects using Bugzilla to ensure applications functionality. Participated in project meetings, release meetings, QA status meetings.

**Environment:** Selenium WebDriver, Grid, TestNG, Java, Maven, Jenkins, Eclipse, Firebug, SOAP UI, XPath, HTML, CSS, JavaScript, JMeter, Quality Center, SQL, Oracle and Windows.

**Client: Fred Loya Insurance Duration: Jun 2015-Aug 2016**

**Role: QA Test Engineer Location: El Paso, TX**

**Project Description: Smart Six Project**

This application is an integration of all departments through Computerization.

This project is running the finance and insurance applications in the QA domain.

**Responsibilities:**

* Developed test plans and test cases within Waterfall Methodology after carefully analyzing FRD and BRD.
* Executed all test cases in different phases of testing like GUI Testing, Functional, Regression, Integration, System, Sanity and User Acceptance Testing.
* Developed and maintained automated Regression test cases in Selenium WebDriver using Java programming language and JUnit Framework.
* Writing the test cases using Element locators, WebDriver methods, Java programming features and JUnit Annotations.
* Created and enhanced numerous test scripts to manage changes in the tested application's GUI, objects and in the testing, environment using Selenium WebDriver.
* Worked in Agile environment as a part of the Scrum team participated in daily standup meetings,
* sprint planning meetings as well as retrospective meetings and iteration reviews.
* Used Cucumber for browser-based testing with scenarios and situations.
* Designed Data Driven and Keyword Testing Framework in Selenium and captured data dynamically from web controls.
* Executed Manual Test Cases by using Positive and Negative data inputs for Front End / User Interface testing.
* Worked with Source version control tool such as Subversion (SVN).
* Developed automated test scripts to test REST services using both XML and JSON formats.
* Performed Backend Testing by writing SQL queries and joins to retrieve data from the database.
* Used JIRA to track bugs and maintained the flow of iterations.
* Performed Web Services Testing using SOAPUI with REST to create and execute Functional, Regression, compliance, and load tests.

**Environment**: Selenium, Java, SVN, XML, ETL, JIRA, SOAP, REST, SOAP UI, MS SQL Server, SSIS, SSRS, QTP, JSON.

**Education:** Bachelors of Technology-Information Technology (Btech-IT).

**Certifications:** CSTP (Certified Software Test Professional).

**Year of Graduation:** 2008 Passed Out Year.