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**Automation engineer**

*Expert in Automated Testing* ❖ *6-Year Record of Proven Results*

**Professional Experience:**

Over 6 years of experience in all phases of Software Development Life Cycle (SDLC) including Requirement gathering, System Analysis, Test Automation, Manual Testing, Web Services, and Software products of diverse full-life cycle projects across multiple industries and platforms. Extensively involved in specification analysis, development, enhancement, quality assurance, testing methodologies, and implementation of applications in several key technologies. Actively participated in walk-through inspections with the project managers, business analysts, QA leads, and developers at various stages of the development life cycle and provided valuable inputs in reviewing the requirement documents. Possess a very good ability to grasp the applications underlying business processes.

**Professional Summary:**

* **Knowledge and experience of all phases of SDLC** (Software Development Life Cycle), Software Test Life-Cycle (**STLC**), **Bug Life Cycle**.
* Experience in Automation testing using Selenium including **Selenium IDE, Selenium RC, Web Driver, JUnit, TestNG, and Eclipse.**
* Performed System End to End Testing (E2E) on **AngularJS** Framework using **Protractor**
* Used **core Java** to create and maintain automation framework in **Selenium.**
* Excellent understanding of **Waterfall model** and **Agile methodology – SCRUM**.
* Solid experience and knowledge in performing **Black-box** testing.
* **Web** **Services** **API** **testing** using **SOAPUI Manually.**
* High ability in **Front-end Testing**, **System Testing**, **Functional Testing**, **Integration Testing,** **User Acceptance Testing**, **Smoke and Regression Testing** of Web-based and **Client/Server** applications.
* Experienced with web technologies like **HTML, HTTP, Soap, REST, JavaScript, XML, WSDL**
* Performed Manual and Automated testing on **Soap**, **RESTful web service**s by executing both functional and non-functional testing in **SoapUI.**
* Experience working in agile teams with a BDD approach using **Cucumber automation tool.**
* Good knowledge in all modules of **Quality Center** (Requirements, Test Plan, Test Lab, Dashboard and Defects).
* Strengths include ability in meeting deadlines and deliverables while achieving excellence and quality of work. Excellent debugging and problem solving skills.
* Excellent analytical and creative problem solving capabilities. Comfortable in attending conference calls with development team, Business analysis team, technical architects in resolving defects and issues in functional and requirements**.**
* Design complex solutions which integrate **AWS** cloud, On premise physical and Virtual server, EC2, S3 storage, networking and security.
* Performed backend Testing of application using **SQL**, writing queries to confirm correctness of data entered via UI and data manipulation.
* Knowledge on TFS and Microsoft test manager
* Experience in testing mobile apps on IOS and android.
* Expertise in using **Appium**, Emulator and Simulator to perform Mobile App Testing.
* Proficient in performance testing by creating test script using **Load Runner**.
* Experienced with source control, build and deployment tools such as Subversion, Jenkins, Maven, Git
* Develop automation strategy and QTP framework for automated testing.

**Technical Skills:**

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| Operating System | Windows, Unix, Linux, Ubuntu/RedHat, Mac OS X, IOS , Android OS |
| Testing Tools | HP Quality Center, QTP, Load Runner, JIRA, Bug Zilla, Selenium Web driver, Selenium Grid, Selenium IDE, Cucumber, testNG/reportNG, JUnit, Ant, Maven,Rally, SOAPUI, Test Rail,, Jmeter, Robot,AWS, protractor |
| Programming Skills | C/C++, Java, PHP, XML, HTML, CSS, Javascript/jQuery, JSON, VBscript, AJAX, SQL. |
| Database | MySQL, MS Access, Oracle |
| IDE | Eclipse Java EE, SoapUI |
| Web Browsers | FireFox, Internet Explorer, Chrome, Opera, Safari |

**Employment Experience:**

**CIGNA Insurance ltd, St. Louis, MO Jun' 2015-sep' 2016**

**QA Automation Engineer.**

**Descriptions:**

Cigna Healthcare is one of the largest in healthcare insurance industries. The project based on Cigna Claims project. Cigna claims is a claims management system carrying out the whole process from reporting a claim by a customer until the payment is done and file is closed. I was involved in validating the system by performing different types of testing on the project.

As individual along with team contribution I optimized automation framework, increased automation writing custom reusable classes, methods, taken ownership in analyzing and planning each sprint testing cycle, regression planning and Production release night test plan and warranty phases.

**Responsibilities:**

* Conducted functional testing using selenium on different browsers (IE, Firefox, Chrome)
* Participated in Walk-throughs for a review of Test Scripts with BA’s, Developers and Business Clients.
* Performed Black-box Testing in Integration Testing and System Testing, Regression Tested related functions of the defect in Defect Life Cycle, End-to-End Tested system integration, and used **Ad-hoc Testing** go through whole system
* Participate in the writing of **test cases** and **test script** based on **user stories**.
* Build Automation Framework for Angular JS in Protractor and Web Driver.
* Performed **Automation Testing** in **Selenium Web Driver and Selenium IDE** with **Java**, built the **Automation Framework,** and created the **Test Data** for the specific test.
* Participate in the sprint demo with the **scrum master** and product owner.
* Use **Quality Center** to report open bugs.
* Used **Page Object** and **Page Factory** pattern for the Selenium programming.
* **Manually tested,** **verified** and **validated** that the product meets **user requirements**.
* Perform database testing using **SQL** queries.
* Used **SOAPUI** for **Web Services** Validation. Added **Assertions** in the script for validation purposes
* Communicated with **developers** regularly regarding **defect resolution.**
* Documented and analyzed **Test Report** with the test documentation details, and submitted the review to the team.
* Experience in Web Service Testing (SOAP UI & Rest Api), Backend Testing- SQL, Linux and understanding xml.
* Experienced in Mobile Testing includes Device, Tablet and App Testing using Appium.
* Involved in manual and automated testing using Selenium Web Driver and Cucumber.
* Experienced in Design, Develop, Execute and Maintain Automated Test Scripts using by BDD (Behavior Driven Development) and TDD (Test Driven Development) testing framework using Cucumber, Java, Test NG
* Developed Features and scenarios using Cucumber and Gherkins as part of BDD development.
* Work with engineering services team to run tests in continuous integration environment (Jenkins) and report on results.

**Environment:** Windows, IE, Firefox, Safari, Chrome, Linux, Selenium, Cucumber, Jenkins, Maven, Appium, SOAPUI, Lotus Notes,protractor.

**First Republic Bank, San Francisco, CA Sep' 2013-May' 2015**

**QA Automation Engineer**

**Description**: Bank provides corporate, investment, retail banking, wealth management and consumer lending services. Project involved Web based application which is used by front office users for tracking different service requests made by clients such as address change, consumer credit, rate exception, funds transfer etc. It is used to submit private banking credit applications, used by private bankers for submitting different product type requests like secured loan, unsecured loan etc. in a credit application.

**Responsibilities:**

* Analyzed Requirements and Specifications, then established **Requirement Traceability Matrix** between software requirements and test cases
* Performed **Automation Testing** with **Java EE** using **Selenium Web Driver** in **Eclipse**
* Responsible for testing **Soap and REST** based web services using **SoapUI.**
* Perform **Load and Performance Testing with SoapUI**
* **Data Driven** testing for **Soap Web Services**
* Create **Mock Services with SoapUI** in order to test the targeted **Web Service**s without all the dependencies
* Built path for **Selenium** in **Eclipse** and created **Test Framework** for A**utomation Testing**
* Performed **Security Testing** for **Web Services** using **SOAP UI Pro**
* Performed **Smoke Testing** for the environment that ensure the basic functionality
* Executed **Black-box Testing** with **Selenium Web Driver** in **Integration Testing** and **System Testing** for **Functional** and **Non-functional** requirements
* Using **Assertions** function in **SOAP UI Pro** to verify **XML Response** for **Web Services**
* Performed **Regression Testing** to ensure the integrated modules co-functioning well in the incremental versions of product, and performed **End-to-End Testing** to ensure the complete integrated product functionalities
* Performed **Data-Driven Testing** for positive and negative data from external **Excel** file
* Used **Page Object** and **Page Factory** pattern for the Selenium programming
* Created the **Frameworks** and automated the tests using **TestNG**
* **Multiple** browser instances testing in **Selenium Grid**
* Documented defects found during the test execution, and kept track of the defects by using **Quality Center**, and performed **Regression Testing** for the defect fixes in each version update

**Environment:** SoapUI, Eclipse, Selenium Web Driver, Selenium Grid, TestNG, Appium, Java EE

**IBM , Detroit, MI Jun'2011-Aug'2013**

**Software Test Eng.**

**Description**: The Export-Import Bank Login Authentication is used to provide secure access to the online customers. It comprises with authenticate Existing Customer and Register New Customers into their respective account.

**Responsibilities:**

* Analyzed **business** requirements, **Functional** and **Design** specifications of the product.
* Executed Regression Tests using QTP scripts from Test rail.
* Developed Keyword driven framework in QTP
* Developed and executed test cases and filed bugs in QC.
* Developed Vuser scripts using Web (HTTP/HTML), and Web Services protocols.
* Created customized Load Runner VuGen scripts at API level with manual correlation, user defined functions and error handling.
* Extensively worked on HP Load Runner, created Scripts based on prioritized/critical scenarios and scattered the peak load over the production like distribution ratio.
* Enhanced Vuser scripts by adding correlations, parameters, condition controls, and checking/validation functions.
* Responsible for testing the applications in different scenarios like Average load test, Spike test, Endurance test, Volume test and Peak Load test using Jmeter.

**Environment:** Windows, Chrome, IE, Firefox, QTP, Load Runner, Test rail, Jmeter.

**US Bank, Portland, OR Oct '2010-may 2011**

**QA Analysts**

**Description:** The financial application is shared between Banks, Call centers and Collection centers for customer services. This application covers entry of Cash-In, Cash-out, Loan approvals, and Financial Cash-flow statements, Credit Cards, Personal Loans, Mortgage Loan Access and repayments. Defaulters are forwarded collection center for collections.

**Responsibilities:**

* Worked with business analyst in understanding business requirements, design and development of the project.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using Web Driver.
* Involved in data conditioning, maintenance, report management, and knowledge transfer session for new team members.
* Used Quality Center for tracking test requirements, references, test plans, defects and communicating them among the team members and developers.
* Created new and enhanced existing web pages for the front end using HTML, Java Script and CSS.
* Provided access to system to users.
* Developed web Methods flow services ​as well as java services.
* Core java functions using eclipse and APIs for logging such as log4j, apache commons logging

and for sending messages.

* Tested the new and **modified pages**, **components** added to the system.
* Used Bug Zilla defect tracking tool to log defects.
* Used JavaScript and Ajax for all client side scripting.
* Analyzed various **performance graphs and reports** to pinpoint the bottleneck.
* Participate in the development of the **Test plan, Test cases**, and **Test strategy**.

**Environment:** Quality Center u, Quick Test Pro v10, Oracle, SQL Developer, PL/SQL, Windows 7/XP/Vista, HTML, IE 9.0, Mozilla Firefox, JIRA, Waterfall