**Name: Jayesh**

**Role: QA Automation Engineer**

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**Professional Summary:**

* Over **9 years** of experience in Information Technology, with specializing in **Software Quality Assurance Testing,** proficient in testing on **Client/Server** and **Web based applications and** good experience on **Core Java, OOPS** concepts.
* Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as **Agile, SCRUM** andWaterfall Model.
* Proficient in the field of Information Technology, with specializing in **Software Quality Assurance Testing,** proficient in testing on **Client/Server** and **Web based applications.**
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid, Mercury Quality Center/ALM** to develop automation testing scripts for web and client server applications.
* Experience with Mobile Automation using **Appium** automation framework and WebDriver.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Experience in working with Build Systems like **ANT, Maven** and continuous integration systems like **Jenkins, Hudson,Team City, and Cruise Control.**
* Experienced in using **Jenkins**as a **Continuous Integration server** to configure with **GitHub and Maven**.
* Well versed with various testing stages/levels/phases, testing types, testing techniques and quality work products.
* Experience in the development of **Data driven, Keyword driven and Hybrid Automation** frameworks in **Selenium.**
* Experienced in **Web Service testing** by using **SOAP UI** with the help of **Groovy Scripting**.
* Good working experience on **SOAP UI** for testing and validating various web services used in the application.
* Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation**& **Requirement Traceability Matrix.**
* Professional expertise in Smoke Testing, Backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, WebServices, Boundary Value Testing.
* Sound knowledge on **Object Oriented Programming** (OOP) concept. Extensively used Java and Ruby for test case automation. Experience in implementing **TDD** and **BDD.**
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**
* Expertise in **back end testing** and **writing SQL queries, Joins, Procedures** using Oracle and **SQL Server.**
* Experienced using **Web-debugging tool like Fire Path and Firebug for finding elements locator.**
* Expertise in Defect management, Bug tracking, Bug Reports and generating the Graphs using Bug tracking tools such as HP Quality Center/ALM
* Experience programming in **Java**, **Python**, **JavaScript**, **HTML**, **XML** and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.
* Expert using open source bug tracking tool **JIRA, Quality Center, BugZilla& IBM Rational Team Concert (RTC).**
* Excellent experience in troubleshooting **software** applications for business functions in major areas of the business and enterprise-wide.
* Ability to adapt to new environment quickly, **strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident**, sincere and committed.
* Outstanding communicator with extensive experience in customer service as well as ability to identify, develop and enhance client relationships

**TECHNICAL SKILLS:**

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| --- | --- |
| **Testing Tools** | Selenium IDE/RC/WebDriver/GRID, Cucumber, Appium |
| **Languages** | JAVA, HTML, XML, PL/SQL |
| **Scripting** | Python, JavaScript |
| **IDE** | Eclipse, SQL Developer |
| **Test Framework** | Junit, TestNG, Data Driven Framework |
| **Web Debugging Tool** | XPath, Firepath, Firebug |
| **Build Tool** | Ant, Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | JIRA, Quality Center (QC)/ALM, BugZilla |
|  |  |
| **Continuous Integration Tools** | Jenkins, Hudson, Cruise Control |
| **Version Control** | GIT |
| **Data Bases** | MS Access, Oracle |
| **Operating Systems** | Windows (XP, Vista & 7, 8) Linux, Mac |
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**Professional Experience:**

**Client: Lone Star National Bank, McAllen, TX Duration: Apr 2017 – Till Date**

**Role: QA Automation Engineer (Selenium)**

**Description:** This project was to upgrade the automation of Mortgage loan Process beginning with customer initiation to the title transfer. It involved developing a risk analysis and modeling system for the collateral pools that has been purchased and securitized. It was intended to help the business users to structure the securities based on mortgage pool characteristics. Credit Risk and Prepayment Risk could be assessed and the system could also determine loss provisions based on the expected range of loss estimated by foreclosure frequencies and loss severity of the mortgages. Implement the trade surveillance requirements. This project followed Agile Scrum methodology.

**Responsibilities:**

* Gathered requirements documents such as business requirements and design document and other related documents.
* Reviewed the **Test Basis**, **designed** and documented **Test Strategies, Test Plan, Test Cases** and **executed test cases.**
* End to End Testing of the complete website which was developed using Angular.JS, JavaScript, HTML5, CSS3 and other web technologies.
* Responsible for writing and maintain **Selenium WebDriver** scripts for regression and **functional testing** using **data driven framework.**
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Setup the Automation framework using **Selenium** to run test cases in multiple browsers and platforms
* Responsible for identifying test cases for **manual** and **Automation** with **Selenium WebDriver** for Smoke Test, Functional and Regression Tests.
* Involved in design and implementation of **Selenium WebDriver** automation framework for smoke and regression test suites (TestNG and Maven).
* Configured **Selenium WebDriver, TestNG, Maven tool** and created **selenium automation scripts** in java using **TestNG** prior to agile release.
* Implemented Automated execution of tests (nightly and need based) using **Maven andJenkins**.
* Involved in testing the application utilizing the **Scrum (Agile)** methodology.
* Used **TestNG** framework to run unit test and **Maven** to build the Project
* Involved on **Cucumber** testing and defined the test scenarios and created the test cases in Test Manager.
* Involved in designing of **automation framework** to be used in UI testing with **Selenium.**
* Execute browser compatibility and regression tests using **Selenium WebDriver** for testing UI for every new build release.
* Created**Python** scripting to test **REST API** functionality for regression setup.
* Implemented simulator for **Mobile App** Testing in Android Platform using **APPIUM.**
* Performed functional tests using **Selenium WebDriver** with data driven framework and documented final results in a database.
* Developed **Python** scripts to automate the test cases.
* Used the **Firebug** to inspect the **XPath** of the web elements and **Eclipse IDE** for Java development.
* Involved in execution of all types of system testing including: **Integration, Regression, User Acceptance** and **Functional** testing.
* **Identified, Reported** and **Tracked Defects** using **Quality Center** test management tool.
* **Manually tested**, **verified** and **validated** that the product meets user requirements.
* Performed SOA / web services testing using **SOAP UI**; wrote adaptors to test / invoke web services.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud based code repository system like **GitHub**.
* Performed **End-to-End** testing of database to check data integrity using SQL queries.
* Assisted QA lead in documenting **User Acceptance Test report** and reporting defect resolution.

**Environment:** Selenium WebDriver, Java, Python, TestNG, Jenkins, Cucumber, Agile, SQL, Maven, Appium, DHTML, SOAP UI, XPath, Firebug, Eclipse, Quality Center/ALM, HTML, Oracle11g,MSWord, MS Excel, GitHub, Windows 7.

# **Client: Cotiviti Healthcare, Atlanta, GA Duration: Jan 2016 – Mar 2017**

**Project: Physician Healthcare Portal**

**Description:** Physician Healthcare Portal system was developed for physicians to maintain their patients’ records. This system collects patient information from several systems into a centralized Patient Information Repository and does the content analysis to map the incoming content from other systems into a standard XML format. Every system will be authenticated before sending the data into a Patient Information Repository.

**Role: QA Automation Engineer**

**Responsibilities**:

* Involved in test cases review by development team, product management and modified the test cases based on their feedback.
* 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.**
* Established the Environment set up for Mobile Automation using **Appium** Tool.
* Performed functional testing to identify various critical points in the application and automated it by using **Selenium Web-Driver with TestNG.**
* 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.**
* Developed automation framework for **Selenium WebDriver** in Modular Framework model.
* Used **Selenium WebDriver for** writing test scripts for **regression test coverage.**
* Executed the test plans on Mobile (IOS & Android) as per requirements using **Appium**.
* Design & Develop data driven framework using **Selenium WebDriver, TestNG** and **Apache POI API.**
* Create scripts Python for new functionalities and update the existing scripts for upgraded functionalities.
* Created **Selenium web-driver** automation scripts using **Python** to validate functionality on various browsers.
* Developed and Implemented automation using **Selenium WebDriver** and **Java**. Used **Eclipse IDE** to develop & debug the code.
* Used **Maven** to build and run the **Selenium automation framework**. Once the script got over, framework used to send the automation reports over email.
* Involved in the Continuous Integration of the automation framework with **Jenkins**.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Performed functional testing of **SOAP and RESTFUL Web Services using SOAP UI Tool.**
* Involved in testing Web services and XML with tool called **SOAP UI** and using this tool to locate WSDL file on internet, create Test cases and run them
* Validated SOAP responses by using assertions like **XPath** match, schema compliance, contains, SOAP fault etc.
* Used **Git** as code repository and **Code Collaborator** to manage code reviews.
* Designed data-driven testing framework in **Selenium** and captured data dynamically from web controls.
* Created **manual test cases**, reviewed with different stakeholders to validate the functionality.
* The entire **Ruby** scripting done using **Cucumber framework** Wrote and executed **SQL queries** to verify the data updates to various tables and ensure data integrity.
* Worked with **SOA** architecture which includes Soap **Web Service** and **RestFul Web Service** Testing Conducted **backend testing using SQL queries** to validate data for database.

**Environment:** Java, Selenium WebDriver, Jenkins, Maven, Angular JS, Protractor, Cucumber, Python, SOAP UI, RestFul, XPath, Eclipse, HTML, CSS, JavaScript, XML, Appium, Ruby, Quality Center, SQL, agile, Oracle and Windows.

**Client: American Fidelity Insurance, Oklahoma City, OK Duration: Feb 2014 – Dec 2015**

**Description:** This project is an insurance marketing application for Insurance agents. This is an web based application consisting of three main modules: ‘Query’, ‘Policy’ and ‘Rate Quote’. The ‘Query’ module is the interface with the insurance agent to query the data base and generate customizable reports. The ‘Policy’ module concerns the various insurance sectors including Auto, Life and Fire insurance. The ‘Rate Quote’ module provides rates and payment terms, funding and protection options and coverage details for the insurance policy.

**Role: QA Engineer**

**Responsibilities:**

* Involved in developing **test plan**, **test strategies**, **test scenarios**, **test scripts** and **test steps** based on Business and System Use Cases.
* Actively participated in scrum meetings and reviews.
* Performed Functional tests using **Selenium WebDriver** with **data driven framework**.
* Executed Selenium tests for automation testing of the web application using **SeleniumWeb Driver**.
* Followed Test Driven Development (**TDD**) as much as possible and written test cases using **TestNG** for every relevant class.
* Wrote highly efficient and **maintainable Java codeto develop Page Objects** using the Selenium Framework.
* Created **test cases**, **test plans**, tested **API’s**, wrote **TestNG** test cases, executed code coverage, wrote automation scripts using **Selenium**, executed database queries for testing purposes and led different projects in the shipping and checkout domain.
* Performed Data driven testing using **Selenium WebDriver and TestNG** functions which reads data from property and **XML** files.
* Used **Maven** to build and run the **Selenium** automation framework. Once the script got over, framework used to send the automation reports over email.
* Developed **Maven** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* Created automation framework in **SeleniumWebDriver** using behavior driven approach like **Cucumber**.
* Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Developed test harness for **WebServices** automated testing by means of **SOAP UI** and **ANT**.
* Involved in testing SOA with **RESTful/SOAP** Web Services. Created entire architecture for backend testing internal and third party API using Test Complete and **SOAP UI**.
* Performed functional testing of **Web services** testing using **SOAP UI**.
* Created **Data Driven tests** that randomized the test data for testing the **AUT** using **Excel** file.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Performed **Smoke**, **Functional**, **Regression** and **Integration** testing.
* Identified and reported bugs using defect tracking tool **HP Quality Center** and presented bug reports for weekly status updates.
* Performed data accuracy, data validation and data integrity testing by querying the **database using SQL queries** to check the data table on server.
* Conducted **backend testing using SQL queries** to validate data for database.
* Participated in Stand-up meeting, walkthrough meeting, weekly automation meeting with all other QA, weekly assessment meetings with business analysts and developers.

**Environment:** Java,Selenium WebDriver, Eclipse, TestNG, Maven, Jenkins, Cucumber, Page Object Model (POM),, DataDriven Framework, Quality Center, HTML, CSS, JavaScript, SOAP UI, Web Service, XPATH, WSDL, XML, Oracle, SQL, Linux, Windows.

**Client: Prosperity Bank, Dallas, TX Duration: Aug 2010 – Jan 2014**

**Description:** This project is an online banking application consisting of various modules like personal Banking, Loan Locking, Pricing, Withdraw, Extend Load Expiry, Funding, Closing, Mortgages, Re-finance, Investment banking, stocks, bonds, Mutual funds, insurance and portfolio/wealth management. It also generates reports based on clients’ loan status like loans missing, collateral documents, loans purchased, loans pending settlement review, loans not cleared for settlement.The personal banking module consists of managing Checking and Savings accounts, balance transfers, bill payments, deposit methods and individual retirement accounts and money transfer. FMS (Funds management system) provides a single source of financial information for the Fund Managers.

**Role: Manual Tester**

**Responsibilities:**

* **Analyzed** business requirements, **documented** business requirements specifications, wrote **Test Plans**, **Test Cases**.
* Worked with development team to understand **technical design** and **architecture** for test planning.
* Worked under waterfall methodology.
* Executed Manual and Automated tests and reports defects by running automated tests; executing manual tests; reviewing results of all tests and reporting anomalies into the defect tracking database; verifying the resolution of all defects for an assigned project.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Uploaded test cases executed test cases and logged defects in Mercury **Quality Center.**
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Interacted closely with developers regarding defects, participated in **tracking, reviewing and analyzing** bugs.
* Worked extensively with business users to define scope and prepared ‘Documents of Understanding’ for various **change requests** by analyzing the feedback from user groups.

**Environment:** Java, Manual Tester, Quality Center, MS Visio, HTML, Java Script, Oracle, VSS, UNIX**.**