**SANDHYA**

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**Overview:**

Software Tester with **5 years** of experience in Information Technology in the field of **Software Quality Assurance** **Testing** in **Client-Server**, **Web and Mobile Applications using Selenium WebDriver/IDE/GRID**. Expertise in conceptualizing, designing and coding technical solutions using **Java/J2EE** technology stacks.

**SUMMARY:**

* Hands on experience in **Quality Assurance** including Functional, System, Smoke, Regression, Integration, User Acceptance Testing (UAT), Rational Functional testing (RFT) and Compatibility Testing of Web & Client server-based Applications.
* Experience in **Automation** **tools** like **Selenium WebDriver/RC/IDE/GRID, HP UFT & Quality Center, TestNG, Junit, Ant, GIT, Maven, Jenkins, Load Runner, Cucumber & SOAP UI**.
* Good knowledge in **Offshore**and**Onsite**coordination with Development and testing teams & setting up the testing process tailored according the client and business requirements.
* Experience in creating extensive Test Plan and Test Cases based on requirements and specifications using **Selenium WebDriver.** Test development expertise using frameworks such as **TestNG, JUnit** and **NUnit**.
* Excellent expertise in designing and maintaining detailed Test Scope, Test Plan/Strategy, Test Cases, Traceability and Testability Matrix, Test Scenarios, Test Data and Test Scripts.
* Experience in writing queries in **Structured Query Language (SQL).**
* Worked very closely with the DevOps team in **Agile** Methodology for deploying and building the automation Scripts in **Continuous integration (CI)** using **Jenkins.**
* Proficient with software development tools/environment such as **Jenkins, JIRA, Confluence, GIT** etc.
* Experience in usingMethodologies such as **Agile, Scrum, Waterfall,** and **V- Model**.
* Experience in **Appium** tool, for mobile testing in **Android, IOS** and other mobile applications.
* Experience in using **Xpath**, to find **web element** based on its **XML path** in web page. Involve in **TestNG** to execute all the automation test cases based on in a group.
* Experience in developing and maintaining **Test Automation Frameworks like** **Data** Driven, **Keyword** Driven, and **Hybrid** Driven & **BDD** Frameworks.
* Experience in **Database Testing** using **SQL Queries** with multiple Databases like **PostgreSQl, MongoDB,** **Oracle, SQL Server** and **MySQL**.
* Extensively worked on **Selenium Web Driver** with the preferred **languages Java, JavaScript, C Sharp** and **Python**. Experience on **CLAIMS and HIPPA standard testing**.
* Experienced working in complete Software Development Life Cycle (**SDLC**), Software Testing Life Cycle (**STLC**) and Bug Life Cycle in various Software methodologies such as Water fall, Agile, Iterative and Scrum models.
* Extensive experience in Business Requirements gathering and writing skills with expertise in developing and documenting Business Requirement document (**BRD**), Functional Requirement Document (FRD),Software Requirement Specification (**SRS**) across the deliverables of a project.
* Strong skills in creating UML Diagrams and Data Models including Use Case Diagrams, Activity Diagrams, Deployment Diagrams, Data Flow Diagrams (DFD) and Entity-Relationship diagrams using Rational Rose and MS Visio.
* Experience in Unit Testing, Integration testing, System Testing (Functionality and Regression), Performance testing and User Acceptance Testing.
* Strong working experience in **Web services (REST & SOAP),** database technologies, and **SOA/Microservices** architecture.
* Experienced in Automation on Coded UI test project using **Visual Basic** and **Visual studio**. Proficient with Microsoft Excel, Microsoft Project, Microsoft Word.
* Strong working experience in Testing of backend Database applications developed with **Oracle, Sybase** and **SQL Server**.
* Excellent analytical and problem-solving skills with strong oral and written communication skills.

**TECHNICAL SKILLS**

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| **Testing Tools** | ALM, Selenium WebDriver/IDE/GRID, JMeter, Appium, XPath, Jenkins. |
| **Programming Languages** | Java/J2EE, Python |
| **Defect Tracking** | Jira, Bugzilla, QC/ALM |
| **Scripting Languages** | Python, Java Script |
| **Framework** | Keyword Driven, Data Driven, Hybrid Driven, TDD, BDD, TestNG, Junit. |
| **Development Tools** | Rational Application Developer (RAD), Spring Tool Suite(STS), Eclipse, TOAD. |
| **Build/SCM/CI Tools** | Maven, ANT, Git, GitHub, SVN, Jenkins, Agile & Scrum Methodologies, Waterfall methodology |
| **Operating System** | Linux, Ubuntu, Windows, Mac OS. |

**PROFESSIONAL EXPERIENCE:**

**Client: ACE, Philadelphia, PA Nov 2017 – Till Date**

**Role: QA Automation Tester**

**Responsibilities:**

* Involved in manual & automation Test Planning, writing Test Cases and Test Scripts as per specifications. Attend Sprint plan meetings, daily standup meetings and reviewed user stories in Agile Environment.
* Perform various types of testing including smoke, white box, black box, integration, end-to-end, regression, and system testing as needed.
* Exported Test Case Scripts (Java-Selenium Web Driver) in Eclipse IDE and modified the selenium scripts and executed using TestNG Framework.
* Involved in configuring the testing environment with Eclipse, TestNG and Selenium WebDriver.
* Run tests by using Selenium WebDriver in different browsers.
* Extensively used Selenium (data-driven, POM) and WebDriver to test the web application.
* Developed GUI automated scripts using Selenium WebDriver and TestNG framework.
* Involved in ETL Testing, Test case preparation, Test scenario preparation, Performance Testing, SQL Script preparation & SIT Execution.
* Used Java and TestNG framework for scripting and created Selenium based scripts using TestNG.
* Performed browser compatibility web application testing on different browsers (Firefox, IE and Chrome).
* Used Firebug and Xpath to work with the application objects.
* Created a Page-Object-Model framework to cover end-to-end testing using Protractor with Jasmine Framework for BDD.
* Conducted System Testing and User Acceptance Testing for every client and conducted backend testing writing extensive SQL queries. Worked with Source version control tool such as Git.
* Developed application to asses JSON and XML from Restful Web service from consumer side using JavaScript & AngularJS, write automation test scripts for AngularJS applications.
* Used MAVEN as a build tools on java projects for the development of build artifacts on the source code.
* Created a Page-Object-Model framework to cover end to end testing using Protractor with Jasmine Framework for BDD. Involve in wrote Automation test scripts using Selenium Web driver.
* Conducted System Testing and User Acceptance Testing for every client and conducted Backend testing writing extensive SQL queries. Worked with Source version control tool such as Git.
* Developed Complex database objects like Stored Procedures, Functions, and Packages & Triggers using SQL & PL/SQL Server. Installed, configured and managed Jenkins as for Continuous Integration (CI).
* Prepared Test Plan, Test scenarios, Test Cases, Test scripts and Test Metrics. Document the process for future references.
* Performed data validation testing, writing SQL queries. Generated SQL queries to test the database transactions, database schemas and executed them.

**Environment:** Selenium WebDriver, Java, SQL, TestNG, Jenkins, Maven, XML, Agile, Page Object Model, Keyword Driven framework, Data Driven framework, Firebug, XPath, MySQL, CSS, Eclipse, GIT, Agile methodology, MS Office suite.

**Client: Clifton Bancorp Inc, Clifton, NJ Dec 2016 - Oct 2017**

**Role: QA Selenium Automation Engineer**

**Responsibilities:**

* As an Agile scrum team member, involved in functional testing of Salesforce Healthcare application. Architected and implemented agile testing practices for globally distributed teams.
* Developed SQL scripts, for provider, member and claims to ensure to pull the correct data for Facets testing. Reporting testing results into FDA.
* Involved in the development of Test Plans, Test Cases and maintaining the Traceability and Test Matrix.
* Performed functional testing for each sprint using Selenium WebDriver.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Implemented Page Object Model automation framework with Selenium WebDriver, Java.
* Performed Web Services, SOAP and REST API Testing using Restful API, Postman and SoapUI.
* Configured Selenium WebDriver, TestNG, Maven tool and created Selenium Automation scripts in Java using TestNG prior to Agile release.
* Running the test automation suite against new builds to confirm their stability and functionality.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration Tools (Jenkins) for nightly batch run of the Script.
* Reported software defects using JIRA and interacted with the developers to resolve technical issues.
* Performed Smoke Testing to make sure all the Test Channels and Test Environment is working as desired.
* Involved in various levels of Reports: Created Test Plan, Test Summary Report, RTM, and Sprint Report.
* Automation Testing using Selenium (Java Framework), created new framework, updated framework per User Stories
* Utilized Selenium Automation for web drivers to conduct web-based application testing.
* Generate the ETL procedures for accurate process description and compliance to FDA regulations
* Apply performance engineering frameworks to enable application teams to execute early code profiling.
* Performed Defect Tracking and managed project in JIRA. Generated automated daily reports using JIRA API.
* Created Manual, Automated test cases in Gherkin language using ALM/Selenium/Spec flow and developed automation script using Selenium web driver in Visual studio. Validate EDI Claim process according to HIPPA compliance. Involve in Selenium/RFT using to develop automated test cases.

**Environment:** Java, PL/SQL, Oracle, SQL Server, FACETS, Selenium WebDriver, TestNG, Maven, Jenkins, Soap UI, XPath, Agile, MS Office, HTML, Firebug.

**Client: TMG Health, Conshohocken, PA Oct 2015 – Nov 2016**

**Role: QA Selenium Tester**

**Responsibilities:**

* Responsible for gathering Business requirements, Functional requirements and Design documents for multiple projects.
* Followed Agile methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
* Involved in creation of automation frame work in Selenium Webdriver using behavior driven approach like Cucumber.
* Involved in developing the automation script for Web and Mobile Native applications (IOS, Android) using Appium, Java.
* Implemented Selenium scripts in JAVA, writing code for implementing Collections, Interfaces, Abstract classes, Wrapper classes.
* Created test planning and participated in execution for REST API testing using POSTMAN client.
* Tested Web Services using SoapUI tool, validating WSDL, request and response.
* Involved in writing of Automation Test cases using Selenium WebDriver, Java, TestNG, Maven.
* Responsible for implementation of data driven Automation Framework, using Selenium WebDriver, TestNG, Maven and Java.
* Strong experience with SOA architecture which include Soap and Restful Web Services Testing.
* Used GIT and Stash to re-modify files and for software development.
* Setup jobs in Jenkins to run smoke scripts after every build.
* Used BDD framework with Cucumber, Java and created future files with scenario and scenario outline files.
* Involved in writing and executing SQL Queries for backend/ETL testing.
* Involved in writing automated scripts for Angular JS application using Protractor and Java Scripts.

**Environment:** HPQuality Center, UNIX, Java, SQL, Oracle, Manual Testing, MS Office, HTML, XML, TestNG, Selenium WebDriver, Cucumber, GIT, Appium, Maven, Soap UI, Agile Methodology.

**Client: Theorem India Pvt. Ltd. India Jun 2013 – Sep 2015**

**Role: QA Tester**

**Responsibilities:**

* Creating both Manual and automated test cases according to the business standards in Quality Center and Excel.   
  Performed extensive functional, integration, security, UI testing and Regression testing.
* Executed test cases manually and maintained, re-tested failed test cases after bug fixes.
* Developed and Executed Manual test cases for Functional testing of various modules of the application.
* Effectively participated in every day Agile scrum stand-up meetings and participated in Iteration planning and retrospective meetings.
* Executed positive and negative scenarios.
* Used SQL queries to perform the back-end testing.
* Conducted regression testing after every new build.
* Worked with users on User Acceptance Testing.
* Define & implement QA Processes & Standards.
* Used ALM/QC To Write Test Cases and mapped with requirements For Execution.
* Successful in handling and executing of manual testing.
* Involved in tracking and reporting defects using ALM/QC and was also responsible for communicating the status to the development team.
* Designing of automation scripts and different frameworks like data-driven, keyword-driven and hybrid framework using HP UFT / QTP.
* Created Manual Test cases of application. Developed Manual and automated test cases to test the functionality of the application. Project is developed in using agile methodology.
* Experience with Microsoft SQL Server and MySQL database and proficient in backend testing using SQL queries

**Environment:** Java, HP UFT/QTP, J2EE, XML, HTML, SQL, Eclipse, Windows, Jira, TestNG, MySQL, Selenium IDE.