**Sandeep**

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**Professional Summary:**

Over 8 years of experience as a Quality Engineer professional in **Automation** and **Manual** Testing for all phases of **Software Testing Life Cycle** (**STLC**) and **Software Development Life Cycle (SDLC)** that includes designing and implementing test plans, test cases, test execution, defect reporting and tracking. Expertise in developing Automation Test Scripts using **Selenium WebDriver, Java, Cucumber, TestNG, Junit, Rest Assured, Appium** for **web-based and mobile applications**. Good experience as a **QA Automation Test Engineer**

* Experienced in implementation of different QA methodologies, plans and strategies in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Expertise in Automation tools such as Selenium WebDriver, Selenium IDE/RC, Selenium Grid, Java, Jenkins (continuous integration, Regression tests), Maven (Regression tests), Eclipse, TestNG (Regression tests), RestAssured and JUnit.
* Strong hands-on knowledge in software models: Agile (Scrum) Methodology, Waterfall and V Model.
* Involved in Functional testing, Testing system management, Integration testing, Regression testing, GUI testing, Back-end testing, Browser Compatibility testing, Ad-hoc testing, Black Box Testing, System Testing, User Acceptance Testing.
* Performed the Mobile Testing for Mobile App, identify the Mobile Platform like IOS, Android by using Appium.
* Experience on Selenium Automation using WebDriver with extensive usage of OOP concepts using Java and Junit, TestNG frameworks.
* Proficiently worked on Grouping of Test Cases, Test Methods and Test Suites for regression and functional testing using the **TestNG** annotations like Groups, **Parameter**, Data **Provider and Listeners**.
* Knowledge of service virtualization using **Mocklab**
* Used JQuery, ASP.NET AJAX toolkit controls and CSS to enhance the performance and richness to the user interface.
* Used **C#**as a programming language and Visual Studios as IDE for automating the Test Suite with Selenium WebDriver.
* Implemented the **selenium synchronization** using implicit and explicit waits.
* Proficiency in working with **Selenium Grid** to specialize on running multiple tests across different browsers, operating systems, and machines in parallel.
* Working knowledge in Web development and testing tools like **Firebug, Fire Path, XPath, Chropath,DOM** Inspector.
* Experience in writing and executing load scripts using JMeter as well as Load Runner.
* Experienced with **Soap and Restful web services testing** using **SOAPUI and Postman** tool. Knowledge of XML, WSDL, and XPATH.
* Experienced in handling **Pop-ups** with Selenium using **Alert** methods. Experience in handling multiple windows in selenium using **getwindowhandles** method.
* Good knowledge and experience with JAVA, SQL, HTML, CSS, JavaScript queries.
* Proficient in using basic SQL queries to perform back end testing for data integrity.
* Knowledge in validating the data in the database by using SQL queries.
* Participated in Backend Testing by Executing SQL queries against SQL server.
* Involved in team discussions with client and in daily scrum meetings.
* Ability to closely work with BA's, Clients and Developers.

**SKILL SET:**

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| --- | --- |
| **Test Lifecycles** | Waterfall, Agile/SCRUM, SDLC, STLC, Bug Life Cycle |
| **Testing Tools** | Selenium WebDriver, Selenium IDE, Selenium RC, Selenium Grid,  Test NG, Rest Assured, JMeter, Load Runner, Quick Test Pro,JUnit, Postman, Cucumber, SoapUI, Appium, Swagger UI |
| **Test Build & Integration Tools** | Maven, ANT, Jenkins |
| **Frameworks** | Keyword Driven, Data Driven, Hybrid, Page Object Model (POM), TestNg, Jasmine, Protractor |
| **Markup Languages** | HTML, XML, XPath, CSS, XHTML |
| **Databases** | MySQL, Oracle, Microsoft SQL Server, Mongo DB |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Defect Tracking Tools** | HP QC/HP ALM, JIRA, Bugzilla, Rally, TestRail |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint, MS Access |
| **Web Services** | REST, SOAP |
| **Version Control Tools** | GitHub |

**EDUCATION:**

**University of the Cumberlands , Kentucky, USA May-2017**

* Master of Information System in Security

**Osmania University, Hyderabad, India July-2008**

* B.Com Computers

**WORK EXPERIENCE:**

**CLIENT NAME : CIBT visas Mar 2019 –Present**

**ROLE :Quality Engineer**

**Project Description:** CIBT is a leading provider of Global Visa and Immigration Solutions. With operations in The Americas, Europe, Middle East & Africa, and Asia Pacific our capabilities offer a competitive, global short-term travel solution that seamlessly integrates with long term immigration service management which allows the travelers to apply for visa, passport and immigration services online.

**ROLES AND 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.
* Responsible for working within a team to create, document and **execute testing strategy, test plans, test cases and test scripts** in support of a set of global tools, systems, and **databases**.
* Performed **agile testing**, reviewed the stories and participated in Daily **Scrum**, **Iteration Planning** and **Release Planning meeting**.
* Performed the build and maven dependencies using **Maven** build tool.
* Extensively worked in **Regression testing, Parallel Processing** using **Selenium Web driver** in **TestNG**.
* Implemented automation using **Selenium Web Driver, JAVA, Selenium Grid, X-Path Locator, Cucumber** and **Maven.**
* Developed required Selenium support code in JAVA for Cucumber.
* Used **Chropath** plugin for identifying all the web elements using locators.
* Involved in Web Application GUI automation creating regression suites using **Selenium Web Driver,**

**JUnit/TestNG, Eclipse**.

* Developed automated test scripts using **Rest-Assured library** and **TestNG annotations** like Group, parameter, Data provider.
* Involved in test approach & test case walkthrough, review with peers and test leads. The workgroup consists of business system analysts, developers and architects.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Developed **HTML TestNG reports** for analyzing the output of test using **ExtentReports API**.
* Maintained user documentation with TestNG output **screenshots** for User acceptance testing (**UAT**).
* Developed synchronization using **implicit and explicit wait** conditions.
* Incorporated the test data in Test scripts from **Excel** using **Apache POI API**.
* Performed functional testing of Web Services using **POSTMAN** Tool.
* Used **data-driven framework with POM** to accomplish a regression cycle which is robust and reusable across multiple applications.
* Developed **Back-end testing** using complex queries to retrieve the user information to cross validate in UI and databases
* Analyzed test results, tracked the defects and generated reports using **JIRA**.
* Prepared the data to cover various scenarios and wrote **SQL** scripts to verify the database updates, inserts and deletion of the records.
* Maintained continuous test integration and automatic build by using **Jenkins** and mailed the build outputs to the team members.
* Followed **Agile testing methodology**, participated in daily status meetings and testing each deliverables.
* Tested applications in different types of browsers (**cross-browser testing**) and versions, such as **Internet Explorer, Firefox, Google Chrome** to simulate production environment.
* Designed developed and implemented user acceptance testing cases and plans.
* Communicated frequently with clients regarding applications functionality requirements.
* Used strong time-management skills to juggle multiple projects simultaneously.
* Developed features and test scripts using BDD (Behavior driven development) in Cucumber.

**Environment:** Java, c#, Selenium WebDriver, Selenium Grid, SOAP UI, TestNG, Chropath, XML, XPATH, DOM, Cucumber, Jira, Agile, visual studio, Internet Explorer, Chrome, Firefox, SQL, Jenkins, Maven.

**CLIENT NAME : Laureate EducationDec 2017 – Feb 2019**

**ROLE :QA Analyst-Selenium Tester**

**Project Description:Laureate Education, Inc.** is a global provider of high quality post-secondary education. Laureate owns and operates **Laureate International Universities**, with more than 150 campuses in 10 countries. Business purpose applications that allows faculty, students and staff to perform and manage various functions.

**ROLES AND RESPONSIBILITIES:**

* Responsible for gathering **Business Requirements**, **Functional Requirements** and **Design Documents**.
* Performed **Functional**, **Negative**, **Positive, Integration**, **Regression**, **End to End** and **User Acceptance Testing**.
* Extensively involved in writing and designing templates for the **Test Plans** and **Test cases**
* Identified the **Test Cases** and documented them in **Quality Centre**.
* Created test scripts using **C#** and **Selenium WebDriver** for the functional test cases.
* Wrote **Rest Assured** automation scripts in **Java** while developing **end-to-end test framework**
* Worked with the Developers and the Test Lead to verify the **Test Cases**
* Designed and Analysed **Test case** design document basing on the **Functional Requirement Specifications** to implement through testing process.
* Analysed and Developed **Test Plan, Test Cases, Test Scripts, Expected Test Results** and **Test Procedure** from **functional requirement** for different modules in SAP
* Participated in **status meetings** to **report issues**. Communicated with developers through all phases of testing to prioritize bug resolution using **Quality Centre**
* Prepared and Presented **weekly** and **monthly** QA **Defect** and **Status Reports** to the different Stake holders of the project using **Quality Centre**.
* Expertise in generating the **daily defect** detailed **report** using Quality Centre for the other project stake holders and the project Management
* Maintained bug lists for critical issues using **Quality Centre**.
* Participated in service virtualization testing using **Mocklab.**
* Created automated test scripts using **Selenium WebDriver**, **TestNG**, **Maven** and used **Jenkins** to execute these test scripts periodically using **Java**. Performed **Cross browser** testing and parallel testing on Chrome, Firefox, IE browsers and Safari using **TestNG framework**.
* Involved in the Design and implementation of different **Automation frameworks** such as **Data Driven Framework, Keyword Driven Framework and Page Object Model (POM) for various projects.**
* Used tools such as **Selenium WebDriver, Selenium IDE**/**RC, Selenium Grid, Java, Jenkins, Maven, Eclipse, Cucumber, TestNG and JUnit.**
* Identified the correct GUI elements for creating automation scripts using Selenium locators such as name, **ID**, **Link Text**, **CSS Selector** and **XPath**. Extensively involved in **Front-end** and **Back-end** Testing (**Web Services** and **Databases**) with Test Driven Development (**TDD**)/Acceptance Test Driven Development (**ATDD**) and Behavioral Driven Development (**BDD**) approach.
* 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.**

**Environment:** Selenium WebDriver, JAVA, JIRA, c#, Visual Studio, Apache POI, Agile, SQL Server, Cucumber, Appium, Protractor, Maven, Jenkins, Intellij, MongoDB, Angular, JavaScript, Junit, Rest Assured, TestNG, Docker, Apache Tomcat, CSS, HTML5.

**CLIENT NAME : Kroger, Cincinnati, OH Jan 2016 – Nov 2017**

**ROLE :QA Analyst**

**Project Description:**Kroger's Stores SCR module involves Enhancement and maintenance of stores applications running to keep its retail business floating. In this module, we will resolve the Defects in the application which is in production stage.

**ROLES AND RESPONSIBILITIES:**

* Analyze suite of applications and focus on developing the applications assigned to this role for automation design, development and maintenance.
* Developed the automated test script for **regression test suite** in an application by using **Selenium tool**. .
* Worked on **Selenium WebDriver** automation script in Java for **cross browser testing**. Used **testing**

**annotations** to group the test methods and for cross browser.

* Involved in Web Application GUI automation creating regression suites using**Selenium Web Driver, JUnit/TestNG,** and **Eclipse**.
* Developed test scripts to fetch test data from **Excel** using **Apache POI API**.
* Use **Firepath** and **Firebug** Firefox plugins for identifying all the web elements using locators.
* Developed Java Test scripts using **TestNG annotations**.
* Maintaining the **Selenium** and **Java automation** code and resources in the **SVN** source control.
* Wrote Selenium script for taking screen shots using **Extent Reports** API and implemented action class to perform mouse movement.
* Developed and maintained **automated regression test cases** in **Selenium Webdriver** using **Java** programming language and **TestNG** Configured **ANT** for **JAVA automation** projects and for **project object model (POM).**
* Design and Build Automation Framework from scratch using **Selenium WebDriver**, **Eclipse**, **TestNG** and **Java** in Windows platform.
* Used Selenium **Page Object Model**, Page Factory design pattern to build data driven framework.
* Interacted with the Subject Matter Experts (**SME**) and Business Analyst to get a better understanding of client business processes and gather requirements.
* Attended weekly design meetings to understand the application and specific **new or modified features**.
* Analyzed **functional requirements** and design specifications to ensure that application meets all technical and business requirements.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from **Oracle** database.
* Participated in sprint planning, execution, testing and releases in **Agile Methodology**.
* Performed **System Testing, GUI Testing, Integration Testing, Functional and Regression Testing**.
* Performed **database validation using Oracle SQL queries** and wrote test automation scripts using **Selenium Web Driver**.
* Configured **Jenkins** built job for continuous integration and also for **regression testing**.
* Implemented automation **using Selenium WebDriver, JAVA, Selenium Grid, TestNG, and Jenkins**.
* Extensively worked in **Regression testing** using **Selenium** **Web driver** in **TestNG**.
* Used **Junit** and **TestNG** as testing framework, and **Maven** for project building.
* Performed functional testing of **SOAP** Web Services using **SOAPUI** Tool.
* Implemented **BDD** (behavior-driven development) to run automated acceptance tests using **Cucumber** tool.

**Environment**: HP- Quality Center, Windows, Java, Appium, Oracle, Selenium WebDriver/IDE, TestNG, Junit, Eclipse.

**CLIENT NAME : Snapdeal, Hyderabad, IndiaFeb 2014 – July 2015**

**ROLE : QA Manual Tester**

**Project Description:**Snap Deal is an Indian e-commerce company that provides customers with wide range of products such as electronics, books, personal care, home furnishing, etc. Involved in testing order tracking module which helps customers to track their order precisely, also generates automated relevant alerts and recommendations according to the customer purchase. The system tracked the available to sell quantities and sent out alerts when stocks were running low.

**ROLES AND RESPONSIBILITIES:**

* Involved in preparing and executing test cases.
* Created, Updated and Reviewed the test cases and test Scenarios
* Detecting bug and tracking the defects.
* Design, development and maintenance of test scripts for regression testing.
* Worked with SQL for testing database testing.
* Involved in creating and modifying the **test scripts**.
* Manually tested the application before going automation testing.
* Prepared test data for the various scenarios.
* Involved in testing same application using Windows and Unix O/S.
* Involved with developer to solve the application defects.
* Used Quality Center to manage the defects and testing process.
* Reporting testing results and issues in a timely manner.

**Environment:** Manual Testing, Quality Center, HP ALM, SQL, Toad, Java, J2EE, XML, MS Office Tools, Windows XP, Win Runner.

**CLIENT NAME : Coromandel, Hyderabad, IndiaNov 2011-Jan 2014**

**ROLE :Software Tester**

**Project Description:** : It is an online HRMS application through which enlist process is done effectively, through this application the contracting chiefs can deal with their worker information proficiently, appropriate from the enrollment of posting employment to the hopeful choice can be put away in single application.

**Responsibilities:**

* Reviewed System Requirement Specification, Technical Specification and functional design documents to achieve better understanding of the project.
* Analyzed system requirements and developed detailed Test Plan, Test cases.
* Participated in reviews, high level design walk through and evaluations of the application at all stages of SDLC.
* Worked with end users to generate UAT scripts and to successful completion of UAT testing.
* Managed the testing process, bug reporting, test results, track the progress of the testing and provided daily status to test lead / project manager.
* Developed SQL statements to query the database for consistency of data, data quality, and data storage and data retrieval.
* Implemented Data-Driven framework using Selenium WebDriver, JUnit and Java is used for writing code to handle Text Box, Drop Down, and Check Box using Xpath.
* Timely and efficient entering, tracking, maintaining and updating defect logs in JIRA.

**Environment:** Manual Testing, Quality Center, HP ALM, SQL, Toad, Java, J2EE, XML, MS Office Tools, Windows XP, Win Runner.