**SAKETHA**

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**Professional Summary:**

* 8+ years of extensive experience in Analyzing, Designing and Implementation of QA testing strategy for Web based and **Client/Server** applications using **Manual testing**, Automation testing, Performance testing of client server application in **back end testing**.
* Good working experience in automation tools like selenium **Webdriver**, **selenium IDE** and **QTP**/**UFT** and performance tools like HP Loadrunner, HP Performance center.
* Extensively experienced in performing **Manual**,**Automated and PerformanceTesting**.
* Experienced with various types of testing like **GUI testing**, **Web testing**, **Regression testing, User Acceptance Testing, Functional Testing, System Testing, Integration Testing, End to End Testing, Unit Testing**
* Expert in Automation Testing Using **HP QTP/UFT**, **Selenium-**, **WebDriver** and **Selenium Grid**.
* Implemented functional tests using **java, testNG/Junit** framework and also **cucumbe**r framework.
* Experience in analyzing business specification documents, designing and developing Test Plans, writing and executing Test Cases.
* Working extensively on **load runner** to perform the application testing.
* Good experience in reviewing business requirement document and software requirement documents, test cases and their execution, also coordinated with developers for fixing defects.
* Expertise in **smoke testing, blackbox testing,Integration testing, Database testing, regression testing** and **GUI software testing**.
* Experience in Web debugging tools like **XPath, Firepath, and Firebug** and also provided efficient locators for strategies like **Xpath** and **CSS** to run web driven scripts.
* Experience in **ANT, MAVEN** to create projects, **JAR files, POM.xm**l with artifacts and dependencies.
* Experienced in continuous integration using **JENKINS** to support tools likes **CVS** subversion, **GIT** and execute Apache ANT and apache Maven.
* Good experience in Web Services testing using **SOAPUI, XML**, &**WSDL**. Providing required input data to request XML & get the required data from response XML & use the response data from other request XML using SOAPUI.
* Extensive experience in data driven, keyword driven and hybrid test automation frameworks.
* Experienced in automation based on **WebDriver** and **TestNG** framework with Java programming language.
* Experienced in Creating/Executing/Troubleshooting **Selenium/UFT automation test scripts** generated from test cases.
* Experienced in **bug tracking**, **reporting** and using **Quality Center**(QC) and **JIRA** for global test management.
* Good knowledge in different programming languages like **java, JavaScript, HTML** and databases like **SQL server** and **ORACLE**.
* Worked on database testing on triggers,logical views and SQL queries which support database refactoring
* Familiar with **OSI** and **TCP/IP**
* Have worked on sub version control tools like **GIT** and **SVN**.
* Experienced in **Software Development Life Cycle** (SDLC), Defect life cycle management and different methodologies like **Waterfall, Agile, and Scrum**.
* Experienced in writing **SQL** queries for **back-end testing** and validation of data.
* Excellent analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels.

**TECHNICAL SKILLS:**

**Languages**: Java, HTML, XML, JavaScript, SQL, Python, Perl, TCL, VB Script.

**Testing Tools**: HP QTP/UFT,Selenium Web driver/IDE/Grid, Junit, TestNG,LoadRunner, HP Performance Center,SoapUI,Appium, HP Quality Center/ALM and Cucumber.

**Defect Tracking Tools**: Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), ALM QC, TestDirector, TestLink, Bugzilla.

**Testing Framework:** JUnit, TestNG and Mochajs.

**Built Tools**: ANT, Maven.

**Continuous Integration Tools**: Jenkins/Hudson, Travis

**Methodologies:** Agile (Scrum), Waterfall, TDD.

**Databases:** Oracle, SQL Server, MS-Access.

**Repository System**: GitHub, Subversion, TortoiseSVN.

**Cloud Based Testing**: Sauce Labs, BrowserStack.

**Version Control**: CVS, Git.

**Operating Systems**: Windows, Linux, UNIX.

**PROFESSIONAL EXPERIENCE:**

**Xfinity Dec 2016 to Till Date**

**Philadelphia, PA**

**Sr.QA Analyst / Performance Analyst**

**Environment: HP QTP/UFT, HP Load Runner, HP Performance center,Selenium WebDriver**,Eclipse, XPath,XML, XSLT, VBScript, CSS, Ajax, ActiveX Controls, T SQL, PL/SQL, VS 2008/2010, Team Foundation Server(TFS), MTM, MS SharePoint, SoapUI Pro. HP QC/ALM.

**Responsibilities:**

* Involved in all phases of software development life cycle (SDLC) using **Test Driven Development** in **AGILE** framework.
* Designed, created and implemented **Test plans and Test Cases** as per the business requirements.
* Used Agile Methodology to minimize risk by implementing software development in short time boxes or iterations
* Worked with **Business Users and SME to plan and implement the Test Plan**.
* Conducted **functionality and regression testing** for each build and version of application for functional readiness, usability and data integrity.
* Responsible for maintaining **Test cases and Test scripts** for the application using **Quality Centre.**
* Tracking and maintaining the Test documents and reported **Defects** using **Quality Centre**.
* Performed **GUI Testing, Functionality Testing, SIT(System Integration Testing), UAT(User Acceptance Testing) and Cross browser testing**,
* Performed execution of **test cases manually** to verify expected results.
* Documenting the **Test results, Test execution status, test reports using Quality center**.
* Recorded and generated the **test scripts** using the **Automated-testing tools**.
* Created and executed **data driven test scripts in QTP/UFT**
* Designed Automation Test cases using **Selenium WebDriver, Java, Junit, Maven**.
* Used Selenium Grid to run test cases in multiple browsers and Platforms.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, **TestNG**and Maven and Java.
* Developed test code in Java language using Eclipse, IDE and TestNG framework.
* Used web-debugging tools like XPath, Firebug and Firepath to locate elements.
* Extensively worked with **QTP Expert view** and **keyword word view** to **design the scripts**.
* Extensively used **QTP** check points to check the **functional feature of AUT**.
* Automated test script for **functionality and regression testing using QTP/UFT**.
* Integrated QTP scripts in QC and created controllers, responsible for controlling scripts for scheduling regression base periodically, to implement lifecycle testing for end to end testing.
* Worked on different protocols like **Web (HTTP/HTML)**, **Ajax tru client**, **Web services** in **Load Runner** for creation of performance test scripts
* Developed **Vugen** Scripts for load testing with 1000 users to find bottlenecks in the server and deadlocks in the database
* Executed **Load, Stress and Endurance Testing** to simulate a process, which allowed using more than 1000 virtual users
* Experience in **testing web services using SOAP UI**
* Experience in creating test cases in Test suite of **SOAP UI**.
* Monitored and Analyzed **Activity Report and Performance Report created using Load Runner**.
* Responsible for identifying test data and environment needs for each level of testing
* Created complex **SQL Queries** to retrieve data from different tables using **joins** to perform **Back End testing** on Database.
* Testing and **supporting the customer after the release and during the UAT testing**.
* Actively interacted with the development team to fix critical bugs.

**Bank United Aug 2015 to Nov 2016**

**Miami Lakes, FL**

**QA Analyst**

**Environment:** Java, Appium, Selenium IDE, Firebug, SQL, IOS, Mobile Testing, Jira, Oracle10g, Jenkins, Microsoft Test Manager, JMeter, Cucumber.

**Project Description**: Online Mortgage Loan Application

This application is a web application and was developed to process the mortgage application for residential and commercial customers. This application is used to gather borrower personal information, tax and credit related information. The gathered data will be transferred to Under Writing system to make a decision to lend the Mortgage loan.

**Responsibilities:**

* Interacted with Project manager, business analysts and developers to understand the application design and functional specifications.
* Effectively implemented different QA methodologies/policies, strategies and plans in all stages of SDLC.
* Designed and Developed Test Cases for automated testing using Selenium, Junit and Eclipse IDE.
* Involved in creation of automation framework in Selenium WebDriver using behavior driven approach like Jbehave, Cucumber.
* Created and maintained automated test script for API testing using Junit.
* Automated Smoke and Functional test cases using Selenium WebDriver, Junit and Java (Eclipse IDE).
* Integrated Automation scripts () in Continuous Integration tools (Jenkins) for nightly batch run of the Selenium WebDriver APIScript. Created Project plan on Jenkins, configured scheduled using Cron job.
* Performed Data driven testing using Selenium WebDriver and Junit functions which reads data from property and XML files.
* Used ANT to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.
* Developed ANT Build scripts to run Sanity Test scripts developed in Selenium WebDriver.
* Configured and scheduled jobs in Jenkins.
* 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, Junit, Ant and Jenkins.
* Worked on Data Driven Framework and MVC for Automation test scripts.
* Used Selenium WebDriver used to test search results of Meta search engine.
* Used Firebug/Firepath to do web based application testing with selenium for the commands and locator application.
* Created automated TestSuite using Selenium and WebDriver.
* Involved in estimation and preparation of test case scenarios and test plan documentation for validating and reporting.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java / Junit).
* Performed unit testing using Junit for class, method, & web services testing.
* Used Selenium WebDriver API to automate tests on cross browser and cross platform environment.
* Automated code downloads and email notifications using UNIX Shellscripts.
* Design and prepared test plans for White Box Test Approach & Test cases.
* Responsible for understanding high level (cross-Browser) business processes related to their application area and its interfaces to other applications.
* Wrote test cases, implemented ran and added versions and iterations using Test Manager for positive, negative and END-TO-END Test cases.
* Used XML files in Sending/receiving XML requests using SOAP UI.
* Wrote Ant build scripts to automate the compilation and execution of JUNIT test cases/suites for Lens Measurement screen, Lens Type Screen, Aftercare screen and two eye replication screens.
* Performed Regression testing of applications after defects are fixed and any new functionality is implemented in to the QA. Supported the Business team for executing UAT test cases.
* Performed Database Change Verification testing using Oracle and SQL queries.
* Verified data integrity by back-end testing of the application by writing SQL queries.
* Uploaded test cases executed test cases and logged defects/bugs in Quality Center.
* Used BDD framework with Cucumber, Java and created future files with scenario and scenario outline files.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, TestNG and Maven and Java.
* By using the Appium, java developed the automation script for the mobile applications.

**Environment**: Selenium WebDriver, Junit, Jenkins, Ant, SoapUI, Cucumber, Appium, Web Services, JavaScript, XPath, Eclipse, Firebug, Firepath, Google Chrome, Mozilla Firefox, Internet Explorer, HTML, SQL, Quality Center, Windows.

**Direct Auto & Life Insurance June 2014 to Aug 2015**

**San Jose CA**

**Automation Tester (Selenium**)

**Environment:** Selenium, WebDriver, Selenium Grid,QTP, Quality Center, Soap UI, HTML, XML, Oracle, Java Script, Ajax, UNIX and Windows.

**Responsibilities:**

* Optimized **Quick Test Professional** (QTP) scripts for Regression testing of the application with various data sources and data types.
* Performed Automation testing of web based applications using **QTP.**
* Used **Quick Test Professional** (QTP) for regression testing and running the automation suite.
* Involved in **bug tracking** using **Quality Center**/Test Director.
* Involved in writing the **SQL Queries**.
* Executed and scheduled the automation test scripts from Quality Center.
* Developed **manual test scripts** to evaluate Corporate Information Security Web based user authentication applications.
* Involved in Analyzing the requirements document to formulate the test cases and conducted manual testing for the entire application
* Extensively used **SOAP UI** for functional testing of web services.
* Used **SOAP/REST** services using **SOAP UI**, Groovy Script to test the services.
* Prepared Test cases and Test plans for new functional modules.
* Automated the Test Cases using **Selenium, WebDriver, Java Eclipse** and **JUnit**.
* Performed Data Driven and Keyword driven Tests
* Developed and maintained Hybrid Framework,
* Extensively used my SQL proficiency during data migrations.
* Involved in writing load test scripts using Apache JMeter.
* Developed unit tests using **JUnit**, create Test Suites and run parallel tests on **TestNG**
* Used **Firebug** and **Firepath** for element identification while creating Page Object Repository.
* Executed automated tests in appropriate test regions in support of unit, integration, functional, and regression testing using WebDriver.
* Designed and developed automated scripts which involved Functional Regression, Integration test cases using WebDriver.

**Cigna Health Care Nov 2013 to May2014**

**Bloomfield CT**

**Automation Tester**

**Environment:**C#,SQL, HTML, SOAP UI, Groovy Script, Quality Center, Jira, VBScript, HTML, MSWord, MS Excel, UNIX, Microsoft Test Manager, Oracle.

**Responsibilities**:

* Developed **functional, UI, regression** test scripts using Coded UI using **C#.**
* Performed**Automated UI, regression, acceptance** and **priority1** functional tests of this windows application using **C# scripting** in Test Complete.
* Expertise in **SCRUM** methodology in agile principles and implementing.
* Experience with **Load Runner.**
* Interacted with developers to resolve the **ETL** and reports defects.
* Used **SOAP UI** tool to test **SQA** based architecture application to test **SOAP** services and REST API
* Involved in Web Services Testing using **WEBUI, SOAPUI** with **REST** to create and execute **automated functional, regression, compliance**, and **load tests**.
* Created test scenarios and test cases based on functional documents and User stories.
* Executed test cases manually and reported defects.
* Wrote and executed **SQL’s** and **PL/SQL’s** to do the backend testing.
* Executed SQL queries to verify the database for the relevant test cases.
* Used **Quick Test Professional** (QTP) for **regression testing** and running the automation suite.
* Responsible for software QA and analysis, with emphasis on performance testing and functional decomposition of web-based (SOA) and legacy systems architecture.
* Created automation test scripts to test all end-to-end components -- legacy mainframe, Web and upgrade.
* Conducted test case reviews and presented the test cases/test scenarios to the team members for all iterations.
* Participated in daily **SCRUM** meetings and gave the daily status of testing.
* Inserted checkpoints where needed, to compare the current behavior of the application.

**Bhel- Hyderabad, India June 2009 to August 2013**

**Role: Manual Tester**

**Environment:** Manual Testing,Hp QTP,HP QC, HTML, DHTML, Bugzilla, SaaS environment SQL, Oracle and Windows.

**Responsibilities:**

* Created test plans & test cases for system and integration testing of the application and execute manual test cases and automate test scripts.
* Developed a Test Plan and Test Cases based on system requirements and Software performance standards.
* Performed Functional and Integration Testing using **Quick Test Professional**
* Created User Defined Functions using Library Files
* Inserted Standard Checkpoints, Image Checkpoints, Table Checkpoints to check values of an object properties, property values of an image and information in a table respectively using **QuickTest Professional**
* Created technical documents for software and hardware.
* Analyzed software test plans, coordinated automated and manual test cases.
* Performed Manual Functional and Regression Testing.
* Created Requirements Traceability Matrices (RTM) manually.
* Performed manual Black box, Functional, GUI, Regression, Integration testing.
* Involved in user acceptance testing & general site validations of web page objects such as HTML links & images.
* Involved in running the scripts, modifying them if necessary and if there is some error in application then submitting a defect through Bugzilla.
* Work with release management for regular releases, smoke-testing each release.
* Identify, analyze and communicate any defects discovered during testing, meticulously documenting defects and ways of recreating defect in ticketing system.
* Involved in Performance Testing, Stress and Load testing using Load Runner
* Performed Sanity testing, Smoke testing, Positive and Negative testing and Usability testing
* Participated in meetings with project teams to ensure that the functionalities of the applications are feasible and can meet requirements.
* Documented bug reports using Quality Center

**EDUCATION: -**Bachelor's in Electrical and Electronics Engineering at India.