**Sindhu Gali**

*QA Automation Test Engineer*

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**Professional Summary:**

* Over 7+ years of experience in Software testing, **Software Quality Analysis** of Web, Windows, Web Services,Client/Serverapplications and databases in Finance, Healthcare & Media Industries.
* Experience in all stages of the **Software Development Life Cycle** and **QA Life Cycle** andin all dimensions of Functionality, Usability & Reliability.
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid**, **QTP** **and Mercury Quality Center** to develop automation testing scripts for web and client server applications.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Knowledge of Automation Tool like Selenium, protractor.
* Good experience on **Selenium Automation** using **WebDriver and Server**. Heavy programming using **Java, Junit, TestNG**.
* Expertise in functional testing AUT using **Selenium IDE** and **Selenium** **WebDriver** using **Junit/TestNG** testing framework.
* Experience in working with Build Systems like **Ant**, **Maven** and continuous integration systems like **Jenkins, Hudson,** **Team City**, and **Cruise Control.**
* Good experience in Web Services testing using **SOAP UI,** **XML** and WSDL; and in providing required input data to request **XML** & get the required data from response **XML** & use the response data from other request **XML** using **SOAP UI.**
* Written JQuery using ID to locate dynamic element in web page and executed **Java Script using JQuery**.
* Written Java Test Automation Script (**.java**) using **Java**, **Spring** Test Suite, Selenium and Web Driver which does sanity testing on every deployment performed in QA Env and sends Email Notification on failure.
* Experienced in load and performance testing tool **JMeter**.
* Extensive experience in designing **Test Cases, Test Scenarios, Test Scripts** and **Test reports** of manual and automated tests.
* Experience in unit testing, functional testing, user acceptance testing, integration testing, system testing, performance testing, sanity testing, exception testing, compatibility testing & security testing of client/server and web-based applications.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Experienced in providing the efficient locators strategy like **XPath and CSS to run WebDriver script** in stable condition.
* Working experience with defect tracking tools like **Clear Quest, Jira, and Test Director/Quality Center (QC) and Team Foundation Server.**
* Experience programming in **Java**, **Python**, **JavaScript**, **HTML**, **XML** and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.
* Expertise in performing the Functional Testing, Regression Testing, Integration Testing for the apps on different platform like Android, Java, BREW.
* Documentation and SOP for all **Control-M** automation activities.
* Built Excel tools with data connection to **Control-M** for Reporting.
* Expertise of testing the application developed using various mobile technologies including J2ME, Blackberry, Android, Symbian, .Net Technology etc.
* Experience in both **Waterfall** and **Agile** project environment.
* Extensive experience with Visual Source Safe and Microsoft Office tools (MS-Word, PowerPoint, Excel and Access).
* Proficient in testing database of applications developed with **SQL Server**, **Oracle** and MS Access.
* Strong in writing **SQL queries** to perform backend data validations.
* Have built a test automation framework based on Page Object Model, TestNG and Selenium Webdriver.
* Excellent experience with source version control tools such as Subversion (SVN) & Git.
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* **Good analytical and communication skills** and ability to work independently with minimal supervision and also perform as part of a team.

**Technical Skill Set:**

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| **Test Approaches** | Waterfall, Agile/Scrum |
| **Testing Tool** | Selenium Web Driver, Selenium IDE, Selenium Grid, Cucumber, SoapUI, QTP/UFT |
| **Project Management Tool**  **& Defect Tracking Tools** | HP Quality Center, HP ALM, JIRA, Rally |
| **Utilities** | Eclipse, GIT, SVN, Firebug, Fire Path |
| **Automation Framework** | Behavioral Driven Development, Keyword Driven, Data Driven, Hybrid, Page Object Model (POM) |
| **Programming Languages** | Core Java, UNIX |
| **Databases** | MySQL, Oracle, SQL Server, DB2. |
| **Test Build and integration tool** | Maven, ANT, Jenkins, GIT HUB |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Web Services tools & Protocols** | SoapUI, SOAP, REST |
| **Selenium Base** | Selenium Web Driver, Selenium Grid, Java, JUnit, TestNG, POI & JXL, Page Object Model (POM) & Page Factory, Parallel run and Dependency, Log4j, HTML Unit Driver |

**WORK EXPERIENCE**

**Dell EMC,**

**Dallas, TX**

**QA Automation Engineer**  **March 2017 to Present**

**Project Description:**

**EMC Corporation** is an American multinational company that sells virtualization, cloud computing and Information security. The application was designed to provide IaaS efficiently to the customers. VxRack system was designed to enable customers to quickly deploy IaaS or private cloud architectures.

**Roles/Responsibilities:**

* Assessed & analyzed user stories and participated in **Sprint planning, Review Sessions & Scrum Meetings** and developed **Test scenarios, Test cases, Test data, Test procedures, Test reports.**
* Involved in preparing test cases and executed Test Scripts using **Selenium WebDriver** to validate all UI components, Browser navigations, Mouse Movements.
* Implemented **TestNG** automation framework for **Smoke Test** to ascertain that the crucial functions of the application work and also implemented **Regression Test** to detect bugs after enhancement and configuration settings of the code.
* Performed **Data driven testing** to validate the components displayed on the website using Selenium
* Performed **Parallel and Cross Browser testing** on different browsers like Internet Explorer, Chrome, Safari and Firefox.
* Used **Hybrid, Keyword/Data Driven Framework**. Extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Configured the **Test Cases** to receive input **Test Data Sets** for the corresponding test cases using TestNG **Data Provider** Annotation.
* Managed individual sprints user stories and tasks using **Rally** as tracking tool.
* Used **FireBug, FirePath** to debug, edit and locate the objects based on ID, Name, XPath, CssSelector, Link, Partial Link, Attributes and Tags
* Performed **BDD (Behavior Driven Development), ATDD (Acceptance Test Driven Development)** using **Cucumbe**r Features, Scenarios and Step Definitions in **Gherkins format**.
* Performed continuous integration with **Jenkins**.
* Managed the **framework dependency jars** using **Maven**.
* Integration of **AEM** with Adobe Marketing tools and external systems
* Involved **in Web services** testing using SOAPUI Tool. Validated request and response XML. Added assertions to validate the XML in Web services **SOAP and RESTFUL** service.
* In depth understanding of Object Oriented Programming and skilled in developing automated test scripts in **Java.**
* Design, develop and implement Page Object Model Pattern based Keyword Driven automation testing framework utilizing Java, Test-NG and **Selenium Web-Driver**.
* Using Eclipse IDE analyzed, debugged **Java code** and performed White Box Testing.
* Used **GitHub** as a source repository system to share code within the office as well as with the team in overseas.
* Interacted with the development configuration and operation's team to ensure the quality of software to user expectations.
* Verified the integration of various components in the application and executed end-to-end testing.
* Participated in Release Review/Requirement Analysis and Design review meetings.

**Environment:** Web Driver, Jenkins, Soap UI, Java, Rally, Cucumber, Eclipse, Maven, TestNG, Agile.

**AT & T**

**QA Automation Engineer** **Jan 2015-Oct 2015**

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* Worked in the **agile** environment with frequently changing requirements and features set.
* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language and Junit Framework**.
* Performed Data driven testing using **Selenium WebDriver, Junit functions and JDBC Connections** which reads data from scripts using property and XML files.
* Developed test code in Java language using **Eclipse IDE and Junit** framework.
* Used **Java** language and **Junit** framework for Automation scripting.
* Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Implemented Page Object Model Automation framework with **Java, Selenium WebDriver** and **Cucumber.**
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Designed test cases based on the use-cases and the complex business logic defined for each **web-service or a message.**
* Executing the test plans on **web** and **mobile** (Apple & Android) as per requirements.
* Experienced in load and performance testing tool **JMeter**.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Created Data Driven scripts for adding multiple customers, checking online accounts, user interface validations, reports management, etc.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Utilized various test tools for automation of test cases Generate test reports and **performed extensive Web Services testing using SOAP UI.**
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Prepared **test cases, test data** **and test responsibility matrices** for the application under test.
* Executed Test Cases recorded in **HP Quality Center** manually to test the application for its functionality, system integration and verify the Exit Criteria.
* Used **Git** as code repository and **Code Collaborator** to manage code reviews.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Implemented and worked on **Acceptance Test Driven Development** (ATDD) **agile** methodologies completing releases ahead of schedule.
* Performed **Back-End Testing, database table manipulations** of relational database systems by writing complex **SQL queries manually**.
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers.

**Environments:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, JMeter, Maven, Junit, Quality Center, Eclipse, XPATH, Java, HTML, CSS, agile, GIT, SQL, Android, Oracle and Windows.

**Avaya**

**QA Analyst** **Jan 2014 – Dec 2014**

**Roles/Responsibilities:**

* + - * Analyze the Business Requirements and closely work with the Business Team to get the clarifications addressed.
* Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents.
* Contributed in developing **Automation Framework that** uses Java, Selenium Web Driver.
* Used **Firebug/Fire Path Add-on tools** to identify the Object's id, Name, XPath, link in the application.
* Performed Data driven testing using Selenium and **TestNG** functions which reads data from property and XML files.
* Performed Continuous integration using **Jenkins.**
* Involved in selecting the Test Cases for automation.
* Performed **cross browser testing** on different Operating Systems like Windows, Linux and Mac and on different browsers like Internet explorer, Firefox, Google Chrome, Safari and Opera.
* Involved in **Regression testing** after each build release of the application and updated the Scripts.
* Performed **back end testing** by writing and **executing SQL queries** to validate that data is being populated in appropriate tables and manually verify the correctness of the data with front-end values.
* Tested the Webservices using **SoapUI** tool and validated the response for corresponding request.
* Used **JIRA** for bug tracking.
* Planning for Test Execution activities to accomplish tasks on daily/weekly basis.

**Environment**: Selenium Web Driver, Eclipse, SQL Server, SVN, TestNG, Jenkins, SoapUI, JIRA, Maven, Cucumber.

**Kontech-Solutions**

**QA Engineer**  **Oct 2012 – Oct 2013**

**RESPONSIBILITIES:**

* Analyzed **Business** Requirement Document and involved in developing the test plan.
* Reviewed Functional Requirement Specifications and created **test cases based on test scenarios** drawn from functional requirements using Test Director.
* Executed SQL queries for backend testing.
* Used Test director for **writing test cases.**
* Effectively communicated with business users resulting in added functional requirements
* Involved in Preparation of **Test Scenarios** and Review **of Test Cases**.
* Executed test scripts and test cases using **QTP**.
* Used **java** as a scripting language.
* Used **java** concepts in writing the test cases.
* Experience in testing the application web services using **SoapUI**.
* Involved in Preparation of Test cases based on Product Backlogs.
* Involved in updating and execution of **Test Cases** according to the requirements.
* Performed GUI and **functional testing** for different modules of application
* Logged defects using Quality center and resolved issues with development team.

**ENVIRONMENT**: Java/J2EE, Spring MVC, Hibernate, JPA, JavaScript, JQuery, MySQL, SVN, JIRA, Maven, QTP, QC, SoapUI, Oracle, SQL

**Kontech solutions, India**

**Manual Tester**. May 2010– Aug 2012

**RESPONSIBILITES:**

* Executed Batch Suites in mainframe for migrating of various accounts.
* Prepared deliverables for the project like **Functional Test Plan, Test Scripts**, and **End of Test Reports.**
* Raised defects while doing System **Integration Testing, defect tracking** and **regression testing.**
* Involved in Unit **Testing, Handled issues** in System testing and **UAT**.
* Test and Run various APIs as part of System **Integration Testing.**
* Worked on Table bases and IMS database.
* Performed **Sanity testing** during code deployment after the fix to the code has been done and verification of proper code deployment.

**ENVIRONMENT**: Waterfall, Windows, Quality Center.