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| sambangi  SDET -QA Automation Engineer  [sambangih33@gmail.com](mailto:sambangih33@gmail.com) | +1 (903) 921-2659 |  |

**PROFESSIONAL SUMMARY**

* A dynamic and achievement-oriented **SDET - QA Automation Engineer** with over9 years of experience in Information Technology as a specializing candidate in **Enterprise-wide web** and **Client Server Applications**.
* Extensive experience and knowledge of different phases of **Software Development Life Cycle (SDLC)**, **Software Testing Life Cycle (STLC), Defect Life Cycle, Agile,** and **Scrum methodologies**.
* Experience in **test planning**, **test design**, **test execution**, **test automation** using **Selenium, CI/CD, Framework design**, **Defect Reporting** and **Tracking**.
* Experience in **Core Java Programming** using **OOPS concepts, Strings, Collections, Exception handling**, etc.
* Designing and building Frameworks like **Behavior Driven Development (BDD), Test Driven Development (TDD), Hybrid** and **Keyword-driven** frameworks using Selenium WebDriver, Java as a programming language from scratch in a complex and fast paced environment.
* Experience in testing **Web Services**-**SOA** architecture, **XML** transactions, **SOAP**, **HTTP**, **WSDL**, and **REST** using various industry standard tools like **SOAP UI**, **Ready API, Postman** and **Rest Assured**.
* Experience in developing **Behavior-driven development (BDD/TDD)** using Gherkin language and Cucumber tool, created scenarios in feature files, step definitions, test runner, etc.
* Experience in developing and understanding **HTML, XML, CSS**, and experience in using version control tools like **Git, GitHub.**
* Experience in **Cross Browser** testing and **Parallel Test Execution** using **Selenium WebDriver**, **TestNG and Selenium Grid.**
* Experience in using unit testing frameworks like **Junit, TestNG** andgood knowledge in configuring the test suites in **TestNG .xml file**. Experience in using build tools like **Maven** and configuring **pom.xml**.
* Expertise in developing Test Framework from scratch using **Page Object Model (POM)** and maintaining the **object repositories,** experience in using Java libraries like **Apache poi and JXL.**
* Experience in working with web debugging tools like **XPath, FirePath, and Firebug** and provided efficient locators for strategies like **XPath and CSS** to run test scripts.
* Good knowledge **of DevOps concepts** and working knowledge on **Continuous Integration and Continuous Delivery (CI/CD)** by using tools like **Jenkins**.
* Automated Web services using Groovy scripting, data sourcing and data source looping, **driven required data** from excel sheets into **Ready API** to send requests and stored the data from responses into the respective excel sheets.
* Tested the **API’s** as well as validated the data returned through web services responses using **Assertions** such as valid HTTP Status Codes, Script Assertions, Contains, XPath, XQuery.
* Experience in using the Test management and **Defect Tracking tools** like HP Quality Center/ALM, Jira/Agile Central.
* Extensively worked on creating Test Summary Reports, **Requirements Traceability Matrix (RTM**) and Defect reports.

**EDUCATION**

Bachelors in computer science & Engineering – **K L University. (2013)**

**CERTIFICATIONS**

* **Sun Certified Java Professional**
* **Certified ISTQB Professional**

**TECHNICAL SKILLS**

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| ***Testing tools*** | Selenium WebDriver, Cucumber, Rest Assured, Appium, TestNG, Postman, JMeter |
| ***Defect Tracking Tools*** | JIRA, HP /Quality Center |
| ***Build Tools*** | Maven |
| ***Frameworks*** | Data Driven, Keyword Driven, Hybrid Frameworks & Page Object Model |
| ***Programming Languages*** | Java, SQL |
| ***CI/CD Tools*** | Jenkins. |
| ***Browsers*** | Internet Explorer, Mozilla Firefox, Google Chrome & Safari. |
| ***Databases*** | Oracle, DB2 & MongoDB. |
| ***Add-Ons*** | Firebug, Selenium Grid. |
| ***IDE*** | Eclipse, IntelliJ |
| ***Version Control*** | GIT, GITHUB. |
| ***Operating Systems*** | Windows 11, Linux, Android & IOS. |

**PROFESSIONAL EXPERIENCE**

**T-Mobile., Atlanta, GA. Sep 2020 – Till Date**

SDET

**Roles & Responsibilities:**

* Provided end-to-end testing services for E**-Commerce Mobile** and **Web applications**.
* Involved in various QA related activities like creating the **Test Plan**, identifying all the **test scenarios (Positive, Negative, Resiliency, etc.)**, creating the **Requirements Traceability Matric (RTM)**, Test Case Design, **Peer Reviews**.
* Responsible for developing the **BDD/ATDD** framework by using the **Cucumber** and added Scenarios in **features files, Step Definitions**
* Created, implemented, and maintained **Page Objects (POM) for each Webpage.**
* For Continuous integrations and delivery of the automation scripts
* Implemented and **configured TestNG, Selenium web driver from Maven** packages as build for adding all the dependencies.
* Build and automate the deployment of all the front-end components using **Jenkins**, cutting deployment time and the number of developers needed.
* Responsible for configuring and Smoke and regression test suites as part of the **Jenkins Pipelines** and monitoring the failures.
* Implementing Page Object Model Automation framework with **Java**, Selenium WebDriver.
* 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.
* Developed **automation test cases**, **executed** these test scripts from test lab and logged defects in **JIRA**.
* Expertise in logging the most accurate defects using the **Zephyr** plugin in **Jira**.
* Involved in running **functional**, **smoke, E2E** and **regression** testing of mobile and web applications using **Appium** and **Selenium** in **JAVA**.
* Proficient in utilizing **Selenium API and Java for developing automated test scripts**.
* Involved in **handling** and **supervising** both the onsite and offshore team’s efforts and coordination.
* Configured **Appium Mobile Driver**, **Selenium Web Driver**, **TestNG**, **Junit,** **Maven** tool and created Appium/Selenium automation scripts in **Java** prior to next release.
* Involved in working closely with the Product Owners, Product Managers and Product Directors to understand their requirements and assisted the **Engineering**, **Technical** and **Architect** leads in defining the best strategy for the development considering the existing limitations of the system.
* Maintained the exiting automated test suite for **API** testing using **Restful** and performed **API Level testing** for web services and developed many **Test suites** using **XML**.
* Involved in the initial testing of the newly developed **Web services** and **Microservices** using **Postman** and **Insomnia** tools.
* Experienced software testing professional with a strong delivery experience in **Agile Scrum STLC methodology** focused on **in-sprint automation.**
* Performed **Functional**, **System, Regression, E2E** and **Integration** testing on web and mobile applications at various phases of the Project life Cycle.
* Integrated **ZAPI** tool into the framework to **automatically update test case status** in **JIRA** for management and tracking purposes.
* Worked with **multiple teams** to establish and maintain **consistent test methodology** and **practices**.
* Used **Appium** Mobile driver for automating the tests for the mobile application in both **iOS** and **Android** and used **Selenium** WebDriver API to automate tests for the web application.
* Skilled in developing and maintaining software applications using **Agile methodologies**, with a focus on in-sprint automation.
* Proficient in utilizing **Agile Scrum methodology** to deliver comprehensive and effective software testing.
* Performed browser compatibility testing of application for various **browsers (Safari, Firefox, Internet Explorer, Chrome)** using **HTML ID**s like **XPATH/CSS** in **Selenium** Web Driver.
* Experienced software developer with a solid background in **Core Java and building automated test scripts**.

**Environment:** Java, JIRA, Jenkins, Eclipse, CSS, Oracle, Maven, JMeter, Selenium Grid, TestNG, Selenium WebDriver, Appium Mobile Driver, Browser Stack.

**Asurion, Sterling, VA. Apr 2019 – Aug 2020**

SDET

**Roles & Responsibilities:**

* Performed GUI functional testing manually for the application.
* Expertise in **test plan creation, test case design, test case review, test case execution, writing test scripts, testing tools usage, defect management and preparing test reports.**
* Interacted with Product Owner, Customers and Project team members in analyzing the **User stories** and **acceptance criteria.**
* Extensively worked on test cases involving validation of data at all levels including field level validations and UI validations.
* Developed **a BDD** framework by writing features files, step definitions and closely working with the Product owner using Cucumber.
* Expertise in using **Selenium Grid** to run test scripts on different platforms and against different browsers in parallel to save time.
* Used **XPath and DOM** to work with dynamic and static objects in Selenium.
* Implemented **a BDD framework** from scratch by using the existing Hybrid components.
* Expertise in grouping the test suites, test cases and test methods for regression and functional testing using **TestNG** annotations like Groups, Parameter, Data Provider and Tags.
* Used TestNG Parameter, **TestNG** .xml and Data Provider for parameterization.
* Used **Selenium automation (TestNG**) on multiple browsers to perform Cross Browser Testing.
* Proficient **in object-oriented programming**, data structures, algorithms, and design patterns
* Utilized **Apache** **POI** jar files to read test data from the excel spreadsheets and load them into the required test cases.
* Administered and engineered **Jenkins** for managing weekly builds, tests, and deploy chain, GIT with Dev/Test/Prod Branching Model for weekly releases**.**
* Prepared SQL scripts to verify the database updates, inserts and deletes of the records.
* Used **Maven** to build and run the Selenium automation framework and when the script is finished, the framework used to send the automation reports over email.
* Created synchronization points by adding **Explicit** and **Implicit** waits in the application to deal with timing problems.
* Involved in Web services testing using **SOAP UI/Ready API Tool**. Validated request and response XML. Added assertions to validate the XML in Web services SOAP and RESTFUL service.
* Performed **Data-driven testing** by getting the data from the excel sheet and automated multiple endpoints with various data sets and generated the reports.
* Data defined and manipulated (DDL/DML) using **SQL Queries** in MYSQL.
* Automated RESTful web services by using **REST Assured** java libraries.
* Automated the mobile version of the application using **Appium, Selenium,** and **Java.**
* Mapped all the requirements with the test cases using **Requirement traceability matrix (RTM**).
* Performed **Black Box Testing, UAT Testing** and extensively used Selenium for Regression, Smoke, Functional and data-driven testing using excel file in Selenium**.**
* Performed the **Application compatibility** in the different versions of Google Chrome, Mozilla Firefox, Safari and Internet Explorer browsers using Selenium.
* Defects were tracked, reviewed, analyzed, and compared using **Jira**.
* Used **Agile model of the development life cycle** (SCRUM). Used Selenium with java, frameworks, design approaches, and various effective implementation techniques.
* Proficient in utilizing **Agile Scrum methodology** to deliver comprehensive and effective software testing.
* Actively involved in **the Detection of issues** with test cases, design, execution, and plans**.**
* Participated in **QA weekly meetings** and various other meetings and discussed enhancement and modification request issues and defects in the application.

**Environment:** Java, J2EE, RESTful Web Service, Microservices, Selenium WebDriver, Apache POI, Rest Assured, TestNG, Firebug, XML, XPATH, Cucumber, Appium, Groovy, Jira, Agile, SQL, Jenkins, SoapUI, Ready API, Eclipse, Maven, Oracle.

**Numerix, New York NY. Nov 2017 – Mar 2019 SDET (Selenium Automation Tester).**

**Roles & Responsibilities:**

* Analyzing the **Business Requirement Document**, High-level and Low-level design documents.
* Create and review - Test scenarios, **Test suite preparation**, Test Data creation, Test case execution and Defect logging.
* Conducted Functional testing, Regression Testing using selenium with **Data-driven framework** and **Keyword-driven framework**.
* Created automation test scripts using Data-driven framework and **Page Factory model** to test the web applications using Selenium WebDriver with JAVA and maven.
* Expertise in using **Selenium Grid** to run test scripts on different platforms and against different browsers in parallel to save time.
* Used **Jenkins** to execute the test scripts periodically on Selenium Grid for different platforms like desktop, tablet, and mobile.
* Performed **Cross browser testing and parallel testing** on Google Chrome, Mozilla Firefox, and Safari using TestNG and Maven on Selenium Grid.
* Expertise in the grouping of test suites, test cases and test methods for regression and functional testing using **TestNG** annotations like Groups, Parameter, Data Provider and Tags.
* Utilized Maven to manage dependencies for test execution, plugins and **created profiles of grouped test cases** to run sanity and regression testing.
* Integrated Jenkins with **version controller (GIT)** and scheduled builds to run automatically during a build release by invoking predefined maven commands.
* Involved in **developing BDD** Framework from Scratch.
* Involved in the usage of BDD framework to develop **Cucumber Step Definitions, Scenarios and Features** using acceptance criteria.
* Handled Selenium synchronization problems using **Explicit & Implicit** waits during regression testing.
* Expertise in **Mobile automation using Appium**, selenium, java in both Android and IOS.
* Proficient in test automation tools and frameworks such as **Selenium, Cucumber, and TestNG**
* Experience in writing complex **XPath** using the following and preceding and using functions like contains and not contains.
* Executed test cases in a real device for the **mobile version of the website**.
* Automated the test scenarios for new angular migration module using **Jasmine.**
* Worked with AWS cloud machines to setup **selenium GRID and Jenkins** server as well on HUB machine.
* Used **Cucumber** to automate services using **Rest API**.
* Used runner classes in **Cucumber** to generate step definition and used tags to run different kinds of test suites like smoke, health check, and regression.
* Created profiles in maven to launch specific **TestNG suite** from Jenkins job.
* Implemented **SOAP UI tool to test SOAP**-based architecture application to test SOAP services and REST API.
* Used the **Rest Assured java library** to automate Restful Web services.
* Involved closely with developers in the Development of UI modules using **HTML, JSP, JavaScript, and CSS.**
* Wrote **object-oriented JavaScrip**t for a transparent presentation of both client-side and server-side validation.
* Used the **Groovy language** to verify Webservices through SOAP UI.
* Shared Daily Status Reports with all the team members, Team Leads, Managers.

**Environment:** Selenium WebDriver, Grid, GitHub, XML, HTML, Jenkins, MYSQL, MAVEN, CSS, RALLY, GUI, BDD framework, Cucumber, Agile, SQL, JAVA, JavaScript.

**Assurant Health, MD.**  **Jan 2016 – Oct 2017**

**QA Test Engineer.**

**Roles & Responsibilities:**

* Developed test plans and test cases within **the Waterfall Methodology** after carefully analyzing FRD and BRD.
* Executed all test cases in different phases of testing like **GUI Testing**, Functional, Regression, Integration, System, Sanity and User Acceptance Testing.
* Developed and maintained automated **Regression test cases** in Selenium WebDriver using Java programming language and **JUnit Framework**.
* Writing the test cases using **Element locators,** WebDriver methods, Java programming features, and JUnit Annotations.
* Created and enhanced numerous test scripts to manage changes in the tested application's **GUI, objects** and in the testing, environment using Selenium WebDriver.
* Worked in **an Agile environment** as a part of the Scrum team participated in daily standup meetings,   
  sprint planning meetings as well as retrospective meetings and iteration reviews**.**
* Deep understanding of software testing principles and techniques, including functional testing, regression testing, and performance testing.
* Used **Cucumber for browser-based testing** with scenarios and situations.
* Designed **Data Driven and Keyword Testing Framework** in Selenium and captured data dynamically from web controls.
* Excellent communication skills to collaborate with cross-functional teams including developers, product owners, and **business stakeholders.**
* Executed **Manual Test Cases** by using Positive and Negative data inputs for Front End / User Interface testing.
* Performed Backend Testing by writing **SQL queries** and joining to retrieve data from the database**.**
* Used **JIRA to track bugs** and maintained the flow of iterations.
* Experience in developing and maintaining software applications using **Agile methodologies**.
* Performed Web Services Testing using **SOAPUI with REST** to create and execute Functional, Regression, compliance, and load tests.

**Environment:** Selenium, Java, XML, JIRA, SOAP, REST, SOAP UI, MS SQL Server

**IBM, Hyderabad, India. Feb 2014 - Nov 2015**

**Manual Tester.**

**Roles & Responsibilities:**

* Developed Test cases based on technical specifications and business requirements.
* Involved **in Writing Test Cases, Executing Test cases**.
* Used **Quality Center** to write Test cases.
* Executed test **cases manually** to check the GUI and Functional features of the Application.
* Compared and analyzed actual with expected results and reported all defects to the appropriate individual(s) for resolution using Quality Center.
* Involved in Cross browser testing for customer’s convenience.
* Involved in Functionality Testing, Regression Testing, User Acceptance Testing and Sanity Testing in all environments.
* Expertise in **Manual Testing using real-time** and unattended testing environment. Attended reviews and walkthroughs to better understand the Requirement Documents.
* Used Eclipse IDE for Java coding.
* Tested and debugged rigorously using JUnit.
* Deployed the application on WebLogic Server.
* Used SQL queries to perform the back-end testing on Oracle.
* Worked with users on User Acceptance Testing.
* Involved **in fixing the defects that were logged during testing**.
* Used HP Quality Center to report **defects and test results**.

**Environment:** Java, JDK, Eclipse, Web Logic, SQL, JUnit, Firebug, HP Quality Center, and Windows.