

OMKAR SIDDESHWARE

Email id: omkarsiddeshware98@gmail.com

Contact No: 9545449690

Gitlab link: <https://gitlab.com/OmkarSiddeshware>

Professional Summary

- An **IT professional with 1.8+ Years** of experience in **Telecom Domain** (BSS/OSS) as a **Manual & Automation Tester**.
- Exceptional strength in Client handling, Problem solving, test management. Can easily adopt to change, possesses eagerness towards learning and contributing to the organizational objective.

Technical Skills Summary

- Acquired **QA professional skills** in Software Testing across **Manual** and **Automation** Testing.
 - **Manual Skills:**
 - Agile Scrum Methodology
 - Black Box Testing
 - Sanity testing, Regression Testing
 - Integration Testing
 - Functional testing
 - Test Planning
 - Test Strategy
 - Reporting (DSR/WSR/TCR)
 - Compatibility testing Manual Performance testing
 - **Automation Skill:**
 - SOAP & REST API Automation
 - Postman
 - REST Assured Framework
 - TestNG Framework
 - BDD Cucumber Framework
 - Basic Java
 - Allure Reporting & Extent Reporting
 - GitHub & Jenkins
 - Exploring Selenium

Experience

- Currently working as a **Software Test Engineer in HCL Technology** from Dec 2023 to till date.

Tools Summary

- **Tools & OS:** Jira, Postman, Rally, Eclipse, Windows 11, XP, Linux, Microsoft Office, Outlook, MS Teams
- **Methodology:** Agile Scrum and Waterfall
- **Database:** Oracle 11g/10g/9i/8i, MS SQL Server 2012/2008
- **Project Applications:** CRM, OGW, Dynamics, CSP, FedEx, Order Manager (ODM), MEC, NMS (Network Management System), Billing, Service Now

Extensive Knowledge of Software Testing Process Like:

- Experience in **Quality Assurance Testing** Phases including **Integration** Testing, **Regression**, **Sanity**, **Stress Testing** System Testing, **User Acceptance Testing UAT**. End to End Testing.
- Strong experience in analyzing requirements (**BRS/SRS**) and identifying Test Scenarios based on Use cases, **Test Cases** writing, execution and Defect Analysis.
- Extensively worked on STLC models on both **Agile & Waterfall** and good knowledge in **Test management, analysis, planning** and **execution**
- Vast exposure to Software Development Lifecycle (**SDLC**) and Software Testing Lifecycle (**STLC**) from requirement gathering to **final delivery/maintenance**.
- Proficient in Defect management, including Defect creation, tracking, and reporting using Industry standard tools like **JIRA**. Tracked and maintained application test defects, impact assessments, and assisted operations team.
- Preparation of Requirement **Traceability Matrix** and Conduct test Case review with stakeholders.
- **Automation** testing using **SOAP & REST API** with TestNG and **Rest Assured Framework** and created automated scripts to carry out tests on SOAP and REST APIs using a combination of **TestNG, Rest Assured Framework**, for telecom business flows.
- Strong knowledge in Web Services testing via tools **Postman**.
- Using Postman with JavaScript frameworks-based PM Library, Collection Runner, Pre-request scrip, Test Script, Data driven testing using (.csv and .json) files and Newman for generating HTML reports.
- Well Versed in designing Data driven framework using Apache POI Library and Maven Dependency management for reference libraries.
- Write Pre-Request and Test scripts using Postman's (**PM Library**) and **basic JavaScript** incorporating the concept of **Env** Variable, **Global** Variable, **Collection** Variable and Local Variables.
- In my current project i have created Rest Assured based framework which is capable of:
 - 1) **Executing multiple test cases** using **testng.xml**, **@BeforeTest**, **@AfterTest** and **@Test Annotations**
 - 2) **Request payload creation** as per **name** and **value pairs** given in excel file and reading them using **Apache POI**
 - 3) **Parsing the request and response body** using **JSON Path** for **REST APIs** and **XMLPath** for **SOAP APIs**
 - 4) **Validating the response body** using **TestNG Assert** methods.
 - 5) **Generating HTML reports** using **Allure Reports**
 - 6) **External Dependency** management using **MAVEN**.
 - 7) **Version control** being done by **GITHUB**

Testing Experience in Project

Project : Dedicated Internet

Client : Century Link (US based TSP)

Vertical : E2E Solution (Presales, BSS, OSS, Inventory, Service Assurance)

Roles & Resp : Functional Testing, Back End Automation, Rest API Automation using Rest Assured F/W

Rest Assured F/W POC: <https://gitlab.com/OmkarSiddeshware>

Roles & Responsibilities:

- Design and execution of E2E/SIT test cases
- Design and Test cases execution by both Manual and Automation.
- Automating Sanity and Regression flows using Backend Automation.
- Creating Automated API Validation scripts for Rest APIs using Postman.
- Performed Database Testing at Application level.
- Understanding and development of Automation script in agile
- Understand problem statements, requirements, and business scope.
- Created test plans for the new features being implemented for application.
- Performing Regression testing, functional testing, System Integration Testing, UAT.
- Execution of test cases in most effective manner so that highest degree of quality can be achieved for the product.

Framework 1: As per my current involvement i have created **Rest Assured based framework** which is capable of:

- Executing multiple test cases using **Driver class** which **dynamically** reads the test cases to be executed from excel file and executed them using **java. lang. reflect and Apache POI**
- **Request payload creation** as per **name** and **value pairs** given in excel file and reading them using **Apache POI**
- Parsing the **request and response body** using **JSON Path** for **REST APIs** and **XML Path** for **SOAP APIs**
- **Validating** the **response body** using **TestNG Assert** methods.
- External Dependency management using **MAVEN**.
- **Version control** being done by **GITHUB**
- Preparing Functional & Integration Test Cases and Test Execution based on Priority Defect management using Quality Centre/JIRA.
- I have automated the Regression Test Scope of APIs using Postman features as mentioned below:
 - i. Multiple test execution by using **Postman Collection runner** and **Newman CLI**
 - ii. Test validation using **Test Scripts** and **Pre-Request Script** written using **Postman's Javascript based PM Library**
 - iii. Report generation using Newman CLI clubbed with **html** and **htmlextra**
 - iv. Scheduling the collection runs by creating **Jenkins windows jobs using Newman Commands**
 - v. For automation, test Case writing using Behavioral Data Driven for Rest APIs validation predominantly worked with Using Postman for automating API Validations.
 - vi. Created a data driven framework using excel and csv files to test APIs where a fixed set of data is passed.

Created BDD Cucumber F/W to automate Business flow API

Framework 2: I have developed BDD Cucumber framework to automate the APIs, wherein I have created / used:

- o Feature files in Gherkin Syntax for each test case of API under test.
- o Step Definition files linking the Feature file phrases with Common methods written in Java, using @Given, @When and @Then annotations for Given, When, Then, And keywords in feature files.
- o Common Methods to create request body with name value pairs extracted from excel file, Generate Auth Token, Trigger the API, Extract the request body, Extract the response body, parse the response body, Validate the status code and validate the response body parameters.
- o Common Utilities to read data from excel file using Apache POI library, Create Log Folder in default project Folder and Create a notepad file to log (request body, endpoint, and response body) as evidence to be attached in Jira while passing the test case.
- o Natural Cucumber Plugin for eclipse to help writing the feature files by auto-detecting the Gherkin syntax correctness.
- o Cucumber. Options Test runner to run the feature files as Junit tests.
- o External Dependency management using MAVEN.
- o Version control being done by GITLAB

EDUCATION:

BOARD/UNIVERSITY	SCHOOL/COLLEGE NAME	YEAR
S.S.C. (Maharashtra State Board)	Vidhya Vardhini High School, Udgir, Latur, Maharashtra	2014
H.S.C. (Maharashtra State Board)	Maharashtra Udaygiri Mahavidhyala Udgir, Latur, Maharashtra	2016
Diploma Mechanical Engineering (Maharashtra State Board Technical Education)	Rajiv Gandhi Polytechnic Udgir, Latur, Maharashtra	2020
B.E. Mechanical Engineering (University Of Chatrapati Sambhajinagar)	Nagnathppa Halge College of Engineering parli, Beed, Maharashtra	2023

DECLARATION

I hear by declare that the data furnished above by me are true to the best of my knowledge.

Omkar Siddeshware