Srujan Emmadi

**Senior API Test Engineer**

Senior Automation Test Engineer with 10 years of Experience in Manual and Automation Testing using **Karate Framework**., Implementation of Menu Driven Testing frameworks. Experience in HP QC/ALM and QTP/UFT, expertise in **API Testing with Rest Services using SoapUI/Rest API**. Expertise in Mobile Testing with iOS and Android. Experienced in Performing Functional Testing, Smoke, Sanity, Regression, and Black Box Testing for domains like Fleet, Finance, Gaming, Retail and Healthcare.

**Professional Summary**:

* Expertise in **Software Development Life Cycle** (SDLC), **Software Testing Life Cycle** (STLC) and **Defect Life cycle** with major responsibilities in all the phases.
* Well Versed in various sorts of testing like **Manual testing, Automation Testing, Web based testing**, Client**/Server testing.**
* Hands on experience in implementing **Waterfall and Agile (Sprint/Scrum)** methodology.
* Developed Test scenarios, Test cases, Test data, Test procedures, Test reports and **Test Matrices** and documenting manual and automated test scripts using karate framework.
* Experience in the field of information technology with the emphasis on Performance testing and Software QA Analyst.
* Extensive experience in **Functional testing, Testing system management, Integration testing,** Regression testing, GUI testing, Back-end testing, Browser Compatibility testing, System Testing, User Acceptance Testing.
* Strong Knowledge in working with Karate automation framework to perform **smoke and regression testing using TestNG and Jenkins.**
* Experienced in designing and implementing **Menu Driven** with Karate.
* Testing mobile devices to ensure their configuration, operation, and capabilities work efficiently.
* Developing automated test scripts and frameworks for improved mobile app performance.
* Updating operating systems, specifically iOS, Android
* Testing mobile device applications using simulators for different versions
* Suggesting new processes and policies to improve mobile development techniques.
* Extensive experience of Web Services, SOAP and REST API Testing using UFT API, Restful API, Ready API, Postman, Swagger SoapUI.
* API testing with experience in karate framework, CI setup using Jenkins and Maven
* Responsible for automating front end and API testing using tools such as Ready API, SoapUI or Postman
* Have strong API testing knowledge using API Gateway
* Extensive experience of Web Services, SOAP and REST API Testing using UFT API, Restful API
* Work experience in AWS migration project- owned Automation and Load testing activity
* Expertise in using various defect-reporting and defect-tracking tools like **JIRA, Bugzilla and HP ALM.**
* Experienced in using Continuous Integration and build management tools such as **Jenkins Build Server, Maven,** to handle different versions of the source code.
* Experience in Rest API automation using Karate framework.
* Experience in testing Rest APIs using SoapUI, Ready API and Postman
* Expertise with wire mock server for creating dummy responses.
* Led end-to-end ERP implementation projects, ensuring timely completion within budget constraints.
* Coordinated cross-functional teams, assigning tasks, and monitoring progress to meet project milestones.
* Conducted thorough research and analysis to select the most suitable ERP system for the organization's needs.
* Developed and executed comprehensive evaluation criteria, considering scalability, integration capabilities, and user-friendliness.
* Collaborated with stakeholders to gather and document business requirements for ERP customization.
* Conducted workshops and interviews to understand user needs and align them with ERP functionalities.
* Oversaw the customization and configuration of ERP modules to align with organizational processes.
* Worked closely with developers and system administrators to implement and test system modifications.
* Managed the planning and execution of data migration strategies from legacy systems to the ERP platform.
* Ensured data accuracy, integrity, and completeness during the migration process.
* Developed and delivered comprehensive training programs for end-users to facilitate a smooth transition to the new ERP system.
* Implemented change management strategies to minimize resistance and maximize user adoption.
* Orchestrated the integration of ERP systems with existing software and hardware infrastructure.
* Implemented APIs and middleware solutions to streamline data flow between ERP and other systems.
* Designed and executed rigorous testing plans, including unit testing, integration testing, and user acceptance testing.
* Identified and resolved issues to ensure a seamless ERP system operation.
* Provided ongoing support and troubleshooting for ERP users post-implementation.
* Collaborated with vendors and internal IT teams to address system issues promptly.
* Implemented monitoring tools and established key performance indicators (KPIs) to track ERP system performance.Conducted periodic reviews to identify optimization opportunities and enhance system efficiency.

**Technical Expertise:**

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| **Testing tools** | Dynamics 365, Azure Devops, Salesforce Integration, QTP/UFT, Jira,SOAPUI, Test Manager,  Karate, SoapUI, Ready API, Swagger, Eclipse, Winscp, Seam, Putty. |
| **Configuration Management Tool** | SVN, GitHub |
| **Languages** | Core Java, XML, Gherkin |
| **Defect Tracking Tools** | Test Director, HP Quality Center/HP ALM, JIRA, Agile Manager. |
| **Build Tools** | Maven. |
| **Testing Frameworks** | Menu Driven, Keyword Driven Frameworks |
| **Operating Systems** | UNIX, WINDOWS, Linux |
| **Continuous Integration Tools** | Jenkins |
| **Project Methodologies)** | Waterfall, Agile/Scrum, SDLC, STLC, Bug Life Cycle. |
| **Databases** | Oracle, DB2, SQL Server, MSAccess, MY SQL |

**Professional Experience**:

**CVS Health, IL Oct 2022 - Present**

**Sr. QA API Automation Engineer Responsibilities:**

* 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.
* Used SOAPUI for automating SOAP and REST requests, and POSTMAN for doing REST API testing manually
* Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API
* Tested the REST Web Services and well handled the JSON request and response using the json-simple libraries.
* Created automation scripts in SOAP UI using Groovy Script for web services testing.
* Responsible for software QA and analysis, with emphasis on performance testing and functional.
* Worked in DevOps, installing, configuring, and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution and working on knowledge on testing and configuring Amazon Web services (AWS)
* Experience with Automating Rest APIs using Karate Framework
* Mock Server with FileZilla/WinSCP using wire Mock Server
* Part of deliverables in UAT deployments
* Good knowledge on API Error Codes (GET, POST, PATCH, PUT and DELETE)
* Testing APIs with Ready API, SoapUI and Swagger
* Good Knowledge on Baseline comparisons

**Environment:** Groovy Scripts, Karate Framework, REST API, Cucumber, Postman, Rest Assured, Load Testing, Ready API, SoapUI, REST webservices, Rally, GitHub.

**Sanmar Corporation, Seattle July 2022 – Oct’22**

**Sr. Automation Tester Responsibilities:**

* + Reviewed the Business **Requirements Document, Functional Specifications Document** and **Technical Documentation**.
  + Involved in writing and making enhancements to the **test plan, test cases and test scripts** for **Functional testing.**
  + Developed **Functions and Sub Procedures**, saved them in library files and used them whenever required.
  + Participated in **Planning and daily standup** meetings as part of the agile team, attended grooming sessions and Retrospectives.
  + Participated in 2 weeks’ **sprint** in a Scalable **Agile** Framework (SAF).
  + Responsible for creating new functional test cases and run the manual test cases.
  + Experienced in dealing with multiple windows, alerts, and pop-ups.
  + Performed functional testing to identify various critical points in the application and automated it by using Karate framework.
  + Expertise in creating Sales Orders, Purchase Orders, Transfer Orders using D365
  + Expertise in Inventory Management using D365, High Jump
  + Expertise in E-Commerce and Supply chain management
  + Experience with Seam, high jump and Data Events Queue.
  + Worked on JIRA, Confluences, Microsoft Test manager, VSTS Dashboards and ADO tickets tracking systems
  + Expertise on Order to cash (O2C) and Procure to Pay (P2P) process.
  + Worked on JIRA, Confluences, Microsoft Test manager, VSTS Dashboards and ADO tickets tracking systems. Excellent problem-solving skills with a strong technical background and good interpersonal skills.
  + Exposure and experience with EDI orders, Web services SOAP UI and WMS (Warehouse management system).
  + Worked on JIRA, Confluences, Microsoft Test manager, VSTS Dashboards and ADO tickets tracking systems. Excellent problem-solving skills with a strong technical background and good interpersonal skills.
  + Participated in component level validation using SoapUI and Postman.
  + Performed Cross Browser Testing on different types of browsers to run all the tests at the same using TestNG.
  + Performed **Smoke testing, Sanity testing**, System Health Check before beginning to test officially, **Functional testing,** Cross- Browser testing, Regression testing, Manual and Automated testing, Integration testing, Backend validation testing and End to end testing.
  + Tested deliverables in UAT for consumer sign offs
  + Developed manual test cases for Regression Testing based on the requirement documents.
  + Conduct User Interface (UI) testing in various environments within an application.
  + Performed the Functional Verification Test, Regression, User Interface (UI) and User Acceptance Test as per the requirement in various environments.
  + Executed Load Runner scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
  + In UAT performed by end-users or stakeholders after QA to validate the software's usability in real-world scenarios
  + Prediction of expected results in Load testing and analysis of final output
  + Reporting of issues found during the load testing.
  + Executed **test scripts and validated** the actual results against the expected results.
  + Used TOAD for **SQL queries and data validation**.
  + Attended Bug Meetings and meetings with the Managers and Developers for query resolution.

**Environment: Dynamics D365, AzureDevops, Putty, SoapUI, Winscp, Salesforce, Seam, High Jump.**

**Orbcomm Technologies Dec’2019 – Jun’22**

**Software Test Analyst 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.
  + Participated in 3 weeks’ **sprint** in a Scalable **Agile** Framework (SAF).
  + Responsible for creating new functional test cases and run the manual test cases.
  + Part of UAT and Prod deployments. Validated changes in UAT before prod deployments
  + Experienced in dealing with multiple windows, alerts, and pop-ups.
  + Created JSON request and validated the response using postman Interceptor and swagger UI.
  + Developed HTML TestNG reports for analyzing the output of test using Extent Reports API
  + Planned and executed manual & automated API & GUI tests following Agile/Scrum software development principles.
  + Incorporated the test data in Test scripts from Excel using Apache POI API
  + Performing Cross-platform, Functional, Regression testing, UI testing for mobile app using Appium test automation framework.
  + Performed Load testing & Performance testing using Load Runner and did Integration testing with Boundary systems and used HP SiteScope to be monitoring web applications & database servers
  + Performed Black-box and White-box testing, Smoke testing, System Integration testing, Regression & Load testing, Performance testing, Automated testing.
  + Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex queries from **SQL Server**.
  + Performed web services testing with SOAP UI by validating request and response for **XML** files.
  + Wrote Scenarios**, Scenario outlines** and **step definitions** using **Gherkin** in **Cucumber** for BDD**.**
  + Worked with developers to update the defects, resolve them and track their status using **JIRA. Environment:** D365,High Jump,VSTS, HTML, JavaScript, CSS, XML, JIRA, Windows, SQL Server, Maven, Gherkin.

**Toyota Motors Apr’2018 – Dec 2019**

**QA Analyst 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.
    - Participated in Fast paced dynamic 2 weeks’ **sprint** in a Scalable **Agile** Framework (SAF).
    - Responsible for creating new functional test cases and run the manual test cases using Microsoft Test Manager 2012
    - Experienced in dealing with multiple windows, alerts and pop-ups.
    - Performed Cross-platform, UI testing for Native and Hybrid Mobile apps using **Appium**.
    - Involved in grouping of **Test Cases, Test Methods and Test Suites** using TestNG annotations.
    - API Automation using karate framework.
    - Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex queries from **SQL Server**.
    - Performed **API Testing** using SOAP UI Tool.
    - Used SOAP UI assertions and **Groovy script** for web service Automation testing.
    - Used **SOAP UI** tool to test SOA based architecture application to test **SOAP services and REST API.**
    - Performed web services testing with SOAP UI by validating request and response for **XML** files.
    - Design and document REST/HTTP, SOAP APIs, including **JSON** data formats and API versioning strategy. Experienced in Using of

**Groovy Scripting** for writing the test cases in **SOAPUI** tool.

* + - Wrote Scenarios**, Scenario outlines** and **step definitions** using **Gherkin** in **Cucumber** for BDD**.**
    - Design, developed, and executed test plans for mobile application testing.
    - Expand the role and scope of mobile device testing to include user acceptance testing.
    - Performing objective code analysis to find and fix bugs in mobile applications.
    - Review mobile device compatibility and report any potential issues to management.
    - Take on a leadership role in driving the adoption of mobile device testing practices and policies throughout the organization.
    - Ensure quality assurance, successful completion of project goals, and adherence to project schedules.
    - Identify and solve problems using critical thinking and analytical skills.
    - Strong understanding of mobile development lifecycle
    - Knowledge of modern mobile development, including iOS, Android, and Windows Phone
    - Knowledge of application testing, QA methodologies and frameworks
    - Worked with developers to update the defects, resolve them, and track their status using **JIRA.**
    - Participated QA weekly meetings and various other meetings and discusses **enhancement and modification** request issues and defects in the application.

**Environment:**, HTML, JavaScript, CSS, XML, JIRA, Windows, SQL Server, Maven, SVN, SOAPUI, Log4j, Gherkin, Cucumber.

**IVY Comptech June’2017 – Apr’2018**

**QA Analyst Responsibilities:**

* + - * Work closely with software developers, business analysts, and other project management personnel involved in Software Development Life Cycle (SDLC) and software testing life cycle (STLC). Use Test management tool
      * Application Life Cycle Management (ALM)/QC for uploading requirements, Test Plans, designing Test Cases, Test Sets and updating Test results.
      * Analyzing the Client requirement and understanding Functional specifications in project Analyzing End user information and Writing the Test Cases and the Test Scenarios
      * Actively involved in reviewing Test cases, executing Test Cases, Re-Testing and Regression Testing
      * Raising, Tracking and closing defects in JIRA
      * Customer Portal API testing & Web Services API testing of Omnitracs applications with SOAP UI tools
      * Carry out regression testing every time when changes are made in code to fix the defects.
      * Preparing all reports related to the project (Test Cases, Test scenarios, Issue report etc.)
      * Attending client calls daily and giving the demo of the project up to complete stages.
      * Prepare the status report of the testing activities.
      * Developed and maintained UFT scripts for Functional, Sanity and Regression testing.
      * Facilitated End to End and UAT testing along with defects status turn over meetings. Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive SQL queries.

**Environment:** Java, Eclipse, HTML, JavaScript, CSS, XML, JIRA, Windows, SQL Server, Maven, SVN, SOAPUI, Log4j, Gherkin, Cucumber

**HCL Technologies Oct’2014 – May’2017**

**QA Analyst Responsibilities:**

* + - * Understanding the Requirements and Functional Specifications of project
      * Parsing JSON and XML files
      * Developed A-Type Simulator using Java swings& core javas
      * Supported in CCD Tool Development
      * Reviewing the SDD and preparing estimations
      * Identifying new functionalities which didn’t have previously.
      * Changing the catalogue for new functionalities
      * Performed integration testing between different interface and module using SOAP UI and UNIX
      * Configuring LRU Physical Connections, LRU handler Settings, HTSE, TC and Two-way remote
      * Coordinating with onshore and offshore team
      * Participated in designing the Test cases.
      * Preparing VFIR sheets as per configuration
      * Attending PSR calls with Onsite team to highlight critical issues.
      * Prepared Defect report and testing status report
      * After Configuring aircraft, sending it to unit testing (PTS Team)
      * XML Validations and editing using Altova XML SPY/XML Spy Editor