**Vincent Vijay**

# Professional Summary

ISTQB certified, skilled Software Quality Assurance professional with 8+ years of experience in manual and automation testing, outlining following core competencies:

* Developing automation framework for testing REST API using REST Assured with Java, TestNG, Apache poi, Maven, Jenkins and related technologies, validating requests and responses in XML, JSON formats.
* Developing end-to-end automation scripts for using Selenium Web driver with Java, TestNG, Apache poi, Maven, Jenkins and related technologies.
* Writing complex SQL queries, Joins and Views to check data integrity in databases.
* Functional testing, Database testing, end to end (E2E) testing, REST API testing and regression testing, with strong understanding of white box and black box testing techniques.
* Test Planning, Test Estimation, Test Data Management, designing scripts, Test execution, drafting requirement traceability Matrix (RTM), performing Root Cause Analysis (RCA) , improving test coverage, identifying Chaos Scenarios as part of Resilience Testing, defect tracking , bug reporting and generating test reports.
* Strong ability to work closely with developers, understanding code and functionality.

# Technical Skills

|  |  |
| --- | --- |
| **Programming Languages** | Java, SQL |
| **Automation tools & Frameworks** | Selenium Web driver, TestNG, Page Object model, CucumberBDD, Apache Poi, Allure Reporting, Maven, REST Assured, SOAP UI, Postman RC, Ready API and JMeter |
| **SDLC Models** | Agile Scrum, Waterfall |
| **Test Management Tool** | ALM, Confluence, IBM Rational Team Concert, JIRA, Bugzilla |
| **CI/CD Tools** | Bitbucket, Github, Jenkin. |
| **Testing skills** | Test Planning, Estimation, Test execution, Reporting, Automation Testing, Regression Testing, API Testing, RCA |
| **Database** | SQL, Oracle, Cassandra, Mongo DB, MySQL |
| **SaaS/Cloud Platform** | Docker, Kubernetes, MS Azure, AWS Lambda and S3 Bucket, Confluent Kafka, Kinesis Stream, Active MQ |
| **IDE** | Eclipse, IBM Rational Team Concert |
| **BPM Suites** | jBPM (V5 and V6) |
| **Software Products** | Transact, T24, FCM |
| **Application Server** | JBoss AS(Wild Fly), WebLogic |
| **Operating system** | Windows, Linux |

# Certifications

* ISTQB® - Certified Tester Foundation Level
* Web Services/Rest API Automation with REST Assured – Udemy
* Docker Essentials – Udemy

# Professional Experience

**IRIS Software Inc (Client: RBC) Apr 2023 – Apr 2024**

**Senior Quality Analyst**

**Project Name: IPD (Integrated Payables Direct) - RBC (Oct 2023 – Ongoing)**

IPD allows clients to send multiple payments in a single ISO formatted file which can cover multiple different payment file types (SWIFT Wires, ACH, Cheques, GD etc).

**Responsibilities:**

* Involved in various stages of Software Testing life cycle like Requirement Analysis, Test design, Test Execution and Test summary documentation and Defect Management
* Preparing and Executing system Integration Testing, Regression testing, automation testing (Java based), and API Testing.
* Experienced in testing all payment flows like WIRE, ACH and GD message type.
* Defect Logging and Reporting in JIRA and taking test data.
* Acted as a coordinator between UAT (User Acceptance Testing) business tester and Developers.
* Prepared estimation and efforts for all the project release.

**Project Name: IMM (Internal Money Movement) - RBC (Apr 2023 – Sept 2023)**

Part of RBC’s migration mandate, a new capability needs to be built and provided to the migrated Emerald clients as well as broader RBC retail clients. It is the capability to allow retail client to do the Me to Me Account Transfers between her/his usually CAD/USD DDA account and Foreign Currency account.

**Responsibilities:**

* Involved in requirement gathering, creation of Test Plan, Test Approach and Functional design document, including QA estimations.
* Identified test scenarios and designed test cases.
* Testing and doing RCA for defects.
* Involved in regular meetings and discussions with stakeholders and members from downstream and upstream teams.
* Automate REST API scenarios using our Automation Suite built using Cucumber BDD with Rest Assured and Java.
* Develop and maintain REST API automation suite using Rest Assured, Java and Cucumber BDD.

**Temenos Financial Sep 2013 – Mar 2023**

**Technical Lead Tester**

**Project Name: Microservices Development (Jan 2019 – Mar 2023)**

Microservices is an architectural style that structures an application as a collection of small autonomous services, modeled around a business domain. Each service is self-contained and implements a single business capability.

**Responsibilities:**

* Used Wiremock to mock the API response whenever the API gateway is not ready as part of microservices.
* Used wiremock for mocking services and use them when services are not ready yet.
* Set up end-to-end tests using WireMock to mock third-party services
* Used Parasoft in POC for API testing to understand the feasibility.
* Develop, maintain and execute tests on webservices using Parasoft.
* Automate REST API and Microservice scenarios using our Automation Suite built using Cucumber BDD with Rest Assured and Java.
* Develop and maintain REST API automation suite using Rest Assured, Java and Cucumber BDD.
* Test Microservices on cloud native technologies including Docker, Kubernetes, Kafka, AWS Lambda functions, Dynamo/Mongo Db, Kinesis streams, S3, Azure functions and Events Hub.
* Gather requirement from Product Managers and draft/review Test Plan and Test case document.
* Develop/Review Test Plan/Test cases for user stories and perform functional, regression and end to end testing.
* Execute Test cases, Triage and log defects in JIRA.
* Automate the requirements and test cases during the sprint and getting involved in test coverage improvement activities.
* Responsible for maintaining and enhancing Test Automation suites for all the Microservices projects.
* Performed Performance Testing using JMeter for the Microservices API.
* Review and manage Test documents, Test scripts and Test Data.
* Onboard Maven Test Projects of the respective Microservices to the Jenkins pipeline.
* Monitor and maintain Continuous Integration /Continuous Development pipelines using Jenkins and Bitbucket.
* Contributed in Agile ceremonies such as PI Planning, Sprint planning, Backlog grooming, Daily stand-up, Sprint review and Sprint retrospective.
* Demonstrate completed functionalities to stakeholders during sprint reviews and PI demo.
* Train and mentor new team members.
* Support other business verticals/Teams in testing and scripting Microservices.

**Project: UXP (User Experience Platform) Browser Replacement with IRIS API (Jul 2016 – Dec 2018)**

This project involves a complete overhaul of the way Transact product UI looks and functions, in addition to this a new API layer, IRIS, was introduced this layer which enables bank to easily expose banking services to any user-interface (UI) or app, create innovative combined services, and undertake highly efficient multi-device/channel UI management. The framework separates user agent from banking capability.

**Responsibilities:**

* Automate REST and end-to-end integrated scenarios using in-house API (built using Rest Assured and Cucumber BDD) and Selenium automation suites respectively (Excel based Keyword driven framework)
* Review Test Plan and Test case document for new enhancements.
* Perform end to end integrated testing and API testing for the new enhancement and existing functionalities.
* Writing SQL queries , joins and views using aggregate functions to test data integrity
* Testing/Scripting and performing RCA for all client defects.
* Perform regression testing to check if any new fix or enhancements would break existing functionalities of the product.
* Review Test documents and Test scripts and manage the Test data.
* Monitor and maintain CI/CD pipelines using Jenkins and Bitbucket.
* Demonstrate completed functionalities to stakeholders.
* Train and mentor new team members.
* Support other business verticals/Teams in testing and scripting API scenarios.

**Project: Integration T24 Transact with external BPM (jBPM) (Apr 2014 – June 2016)**

T24 Process Workflow (PW module) logically groups various business and banking procedures into a series of interrelated activities. All the long running human oriented T24 processes, which were executed in PW, were made to run in an external BPM Server instead of PW.

**Responsibilities:**

* Draft Test case document for new enhancements.
* Create Test Conditions and Test Scenarios based on the requirements along with Requirement Traceability Matrix (RTM).
* Perform end to end integrated testing ie from T24 to BPM and vice-versa.
* Testing and doing RCA for client defects.
* Perform Regression tests to ensure existing workflows are not impacted by any new changes.

**SRA Systems Pvt Ltd, Chennai Apr 2010 – Aug 2013**

**Executive - Testing**

**Project: Workflow Implementation, IIT Madras (Apr 2010 – Aug 2013)**

Scope of this project is to computerize all manual processes (close to 300) in IIT Madras, one of India’s most prestigious Educational Institutions and ranked 50 in Asia.

**Responsibilities:**

* Involved in requirement gathering, creation of Test Plan, Test Approach and Functional design document, including QA estimations.
* Identified test scenarios and designed test cases.
* Writing SQL queries , joins and views using aggregate functions to test data integrity.
* Testing and doing RCA for client defects.
* Involved in regular meetings and discussion with stakeholders.
* Perform Regression tests to ensure existing workflows are not impacted by any new changes.

# Education

* Bachelor of Technology in Information and Technology, Saveetha College of Engineering, Anna University, Chennai, India - 2009

(Equivalent to a Bachelor's degree (four years), as assessed by World Education Services (WES), Toronto, ON)

# Awards and Recognition

* Won the Regional Recognition award (GEM – Go Extra Mile) twice at Temenos (in 2015 and 2019) for precise testing and delivery of defects for our client, JPMorgan Chase and in 2019 for enhancing the automation coverage for our product, T24, from a Web Service/API perspective using Cucumber BDD and Java
* Won the Regional Recognition award (GEM – Go Extra Mile) – Team Award(Microservices Testing) for Q2 2021
* Received Annual Appreciation award for consistent performance in 2019 leading up to R19 AMR (Annual Maintenance Release) of the company’s Software Product ,T24
* Achieved ‘GOLD’ certification level by scoring over 250 credits in the internal certification Program TCCP (Temenos Certified Consultants Program)