

**Vijaya Lakshmi Bulusu**  
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**Professional Summary:**

- Over 10+ years experienced professional in software testing with emphasis on Automation/Manual and Functional Testing of business applications, web components and backend platforms.
- Expertise in Quality Analysis with strong understanding of Software Development Life Cycle (SDLC) and object-oriented methodologies.
- Key expertise includes testing & debugging GUI and Multi-Applications environment and automated testing using Selenium Web Driver.
- Experience in using Selenium Web Driver, TestNG test frameworks in creating test scripts, test suites and HTML reports.
- Proficient in all forms of testing including Unit Testing, Regression, Smoke, Functional, Integration testing.
- Hands-On experience in customizing HP Quality Center, as well as understanding of automated testing tools and their use in developing automated test cases using HP QTP and HP UFT.
- Extensively used Windows, Web and Client/Server application testing tools like QTP, QC.
- Proficient in transforming complex business requirements into comprehensive executable test cases, test plans and test Strategies.
- Hands on experience using Continuous Integration tools such as Jenkins Build Server, Maven, and SVN Subversion client, GIT to manage different versions of the source code.
- 2 Plus years' experience in Soap UI + Ready API.Web services testing.
- Good knowledge in developing Cypress with Test Driven Development (TDD) with end to end testing and Selenium test scripts using Behavioral Driven Development testing.
- Worked on Automation testing projects with Java, Python, Selenium Web drivers, eggplant, PowerShell.
- Good experience in testing both SOAP and REST services using SOAP UI, Postman, Rest Assured and Tested both XML and JSON formats.
- Experienced with SOA, Web Services, SOAP, Soap UI, RESTFUL, WSDL technologies.
- Extensive Experience with SOAP UI PRO for Web services, REST API testing and Groovy scripting.
- Provided support in the performance testing using JMeter task includes developing test plan, test script and reports.
- Expertise in logging defects using HP Quality Center, JIRA and performed defect tracking and reporting.
- Involved in different testing types like Smoke Testing, Functional Testing, Stress Testing, Compatibility Testing, GUI Testing, Automated testing, and Regression Testing.
- Knowledge of coding and identifying basic web elements using Python.
- Performed Web Services Testing and XML/Json validations by creating test case suite using SOAP UI.
- Sound knowledge on Object Oriented Programming (OOPS) concept using Java for test case automation.
- Knowledge of coding and identifying basic web elements using Python.
- Conversant in developing Test Scenarios, Test Cases, Test Data, Test Reports and documenting Manual and Automation Testing.
- Created automation scripts in SOAPUI using Groovy Script for web services testing.
- Experience in setting up the automation framework using test automation tools like Selenium WebDriver, TestNG, Appium for Android and IOS platforms.
- Develop scenario based testing for the JMeter scripts.
- Experience in setting Real devices and performed automation testing using Android Emulators and IOS Simulators using APPIUM for native, hybrid and web-based applications.

- Knowledge of Mainframe testing which includes testing batch jobs ,job scheduling and data validation.
- Used Appium to facilitate mobile testing by creating mobile driver class with required mobile capabilities.
- Experience in Web Services testing using SOAP UI/POSTMAN tool. Validated request and response in XML, SOAP and RESTFUL Web service calls.
- Experience in using Mobile Automation tools like See Test on different devices like IOS and Android.
- Experience in writing and executing SQL queries to perform Data Validation and back-end testing of databases to check the integrity of data.
- Skilled in managing cross functional testing teams and maintaining effective coordination between them ensuring efficient and on time delivery of projects.

#### Technical Skills:

Testing Tools	Selenium IDE/Web Driver, Cucumber, SOAP UI, JMeter, Postman, Jenkins[CI/CD]
Languages	JAVA, HTML, XML, JavaScript, Ruby
IDE	Eclipse, Ruby Mine
Test Framework	TestNG, Data Driven Framework, BDD, Gherkin, Page Object Model
Web Debugging Tool	XPath, Firepath, Firebug, Charles Proxy
Build Tool	Maven.
Processes	Agile-Scrum, Waterfall.
Bug Tracking Tools	HP ALM, JIRA, Rally, Test Rail, Quality Center (QC).
Databases	MySQL, Oracle
Operating Systems	Windows (All Variants), Mac OS
Mobile Test Environment	Android, IOS

#### Education:

- **Master of Computer Applications (M.C.A) from Osmania University, India**

#### Professional Experience:

**West Rock, Alpharetta, GA**

**Role: SDET/QA Automation Jan 2023- Present**

#### Responsibilities:

- Experience in developing Test Documentation including writing test plans, test cases, test procedures based on business requirements.
- Developed and maintained automated smoke and regression test suites in Cypress using JavaScript programming language and Mocha Framework.
- Responsible for Regression Testing, Functional testing for web-based application.
- Developed Traceability Matrix for mapping functional and business requirements into test cases.
- Experience in monitoring Software Development Life Cycle (SDLC) and testing life cycle methodologies like Waterfall, Spiral and Agile.
- Create, schedule and run the scenarios using JMeter and generate necessary graphs.
- Hands on experience in reporting Bugs, conducting bug review, coordinating with dev team in bug fixing.
- Experience in developing and executing detailed test scripts.

- Performed deployment of Amazon EC2 instances in AWS environment.
- Created JSON request and validated the response using postman tool.
- Design roles and groups for users and resources using AWS Identity Access Management (IAM).
- Implemented Page Object Model automation framework with Selenium WebDriver , Java and Cucumber.
- Actively worked with Business and Technical staff to provide excellent customer service.
- Created and executed JMeter scripts for performance testing of portal.
- Actively worked with Subject Matter Experts and Management to resolve requirement conflicts.
- Involved in daily SCRUM meetings, working efficiently in agile methodology.
- Performed web service testing Using SOAP UI with Groovy scripting.
- Verified backend data validation using SQL.
- Developed BDD (Behavior Driven Development) Test Automation framework in multiple sprints using Java .
- Tested web services based on Data and functions by SOAPUI Pro.
- Diversified experience in testing and handling different frames (frames, iframes) of a HTML page with having different DOM's for every iframe.
- Performed the validation of RESTFUL web services using various HTTP methods in SOAPUI.
- Log track and report progress of all tests.
- Developed page library as part of modular framework implementation in automation.

**CreditKarma,OakLand,CA**

**Role :Test Engineer Sep2022-Dec 2022**

**Responsibilities:**

- Tested applications compatible on different build releases across IOS /Android devices.
- Involved in creating new build and triggered jobs in Jenkins for the new feature that was made changes.
- Testing on applications which included Loans ,Insurance and Refinance for the desired functionality on IOS and android devices.
- Writing test cases in Test Rail pertaining to applications that would be tested on Dweb and Native App.
- Involved in testing applications using native apps by using Emulator and Simulator.
- Actively participated in meetings with developers and product owners to understand the feature and ask the right questions to deliver the product correctly.
- Used emulators and IOS Simulators to perform manual Mobile testing. Used Appium, XCode for native mobile application automation testing.
- Used properties files and Groovy Script for Integration test and data driven testing using Soap UI .
- Developed Test Cases and Test Scripts in selenium web driver with Java using Cucumber framework with build management tool Maven.
- Implemented Cypress automation framework to my team to ascertain that the crucial user-facing functions of the application and implemented Smoke and Regression Test to verify the existing functionality.
- Design, Develop and Execute load tests using JMeter and Jenkins.
- Identified mobile elements using Appium Inspector, UI Automator viewer.
- Debugged the automation scripts and fixed the script written in Ruby which were getting errored out in the production jobs and in test environment.
- Maintained the Java and selenium test source code and resources in the GIT source control repository tool.

- Good experience in Web UI Testing using Selenium Web Driver, Protractor, Cypress UI Testing with Cucumber BDD Framework.
- Created web UI tests using Cucumber, Gherkin and Cypress Automation.
- Execution of automated test scripts using JMeter based on business/functional specifications.
- Enhanced regression test cases to implement complex testing scenarios, increased permeations of functionality testing, and increased code coverage using Selenium WebDriver.
- Documented project updates and communication across team members using documented tools like Confluence.
- Used AppliTools for checking the screen differences across the older version and newer version.
- Ensured 100% test coverage and execution. Think proactively in finding bugs and failures.
- Created JSON request and validated the response using postman Interceptor and swagger UI
- Used JIRA and document the feature and creating the tickets or daily tasks for offshore to execute the trackers correctly.
- Built Automation framework using Selenium WebDriver, Protractor, Rest Assured and Cypress using BDD.
- Used Java as client library for Selenium WebDriver and developed automation Framework using Junit.
- Created JMeter Test Cases to measure performance and functionality of web services.
- Bug Triaging every morning and check out for new bugs from the previous night to assign or communicate accordingly.

**Lead CVS Health, Richardson, TX**

**Role: SDET/QA Oct 2021-June 2022**

**Responsibilities:**

- Involved in Analysis of Business Requirement specifications and Designing test lab and formulation of Test Strategy, Test Plans.
- Performed functional testing to identify various critical points in the application and automated Selenium Web Driver IO.
- Worked on Jenkins to create new build and jobs automation scripts execution.
- Involved in testing applications on different mobile platforms such as IOS and Android devices using cloud environment.
- Provided support in the performance testing using JMeter task includes developing test plan, test script and reports.
- Involved in conducting tests on Web services transactions like automatic bill payment, wire transfers, batch payments and Account transfers sent over HTTP or HTTPS by inspecting every XML request and response using SOAP UI.
- Created iOS and Android test frameworks based on APPIUM , Cucumber , Ruby , Python and JavaScript .
- Involved in writing test cases pertaining to applications to be tested on IOS and Android devices using Rally.
- Tested Applications compatible on different browser versions [IE, Firefox].
- Integrated Automation scripts (Selenium Web Driver API) in continuous Integration tools (Jenkins) for nightly batch run of the script.
- Experience in parallel testing using Cypress.
- Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.

- Actively participated in Daily Stand-up meetings, weekly assessment meetings, retrospect meetings, Bug review meetings and interacted with developers and business analysts to ensure high quality of the application under test.

## **Cigna, Jersey, NJ**

**Role: SDET/QA Automation Engineer      Jan 2020 - Sep 2021**

### **Responsibilities:**

- Involved in analyzing Business Requirement Documents and Technical Specification documents and developed test plan and test cases for testing the application.
- Participated in requirement reviews and analyzed Modification requests and Enhancement requests.
- Responsible for writing and maintaining Selenium WebDriver scripts for regression and functional testing using data driven framework.
- Integrated TestNG with Selenium using Eclipse to generate test execution result.
- Performed Unit testing with TestNG test framework and used Bromine for easy running the test and store the result for analysis the test.
- Tested SOAP web services by using SOAP UI tool.
- Designed and developed Automation framework using Selenium WebDriver in Java and performing unit testing by using TestNG.
- Designed test plans and test cases, verifying and validating Web based applications and documentation based on standards for software development and effective QA implementation in all phases of Software Development Life Cycle (SDLC).
- Integrated the scripts and executed them as a suite using the build integration tool Maven.
- Involved on Cucumber testing and defined the test scenarios and created the test cases in Test Manager.
- Developing and integrating the step definitions for each step in the Cucumber scenarios.
- Used Jenkins for continuous integration tests, adding suites and running scripts on the Jenkins server.
- Used GITHUB as central repository to perform Push, Pull, Stage, Stash, Status, Add and Clone and remove operations in local repository GIT.
- Extensively worked on JMeter to create Thread Groups and test Web Application for various loads on key business scenarios.
- Created and executed JMeter scripts for performance testing of portal.
- Performed functional, SIT, Security testing, UAT and AD-Hoc testing.
- Designed and executed Manual Tests for Smoke Testing, System Testing, Positive/Negative Testing, Integration Testing, Regression Testing and Functional Testing.
- Closely worked on all the stages of SDLC for this project and executed Functional and UAT Regression Testing
- Defect explanation to developer to make sure the functionality corrects. Identify UAT regression test cases for each sprint and execute them in sprint release.
- Worked closely with developers and helped to fix the defect. Perform ad-hoc UAT testing when the user story is completed.
- Performed various types of testing, such as Functionality, Regression, GUI Interface, Integration System, User acceptance and, end-to-end testing.
- Validated XPath and CSS Selector from the browser tools to avoid future errors while running the scripts.
- Used XML files in Sending/receiving XML requests using Postman.
- Verified WSDL files, asserting the files using various In-build assertions, performed Data Driven testing, in Postman.
- Reported software defects in HP ALM and interacted with the developers to resolve technical issues.

- Analyzed test results, tracked the defects and generated reports using HP ALM.
- Conducted backend testing using SQL queries to validate data for database and Used SQL queries for retrieving data from database for executing user specific test cases.
- Worked in Agile Scrum Development Environment with frequently changing requirements and features set.
- Prepared Testing status reports and involved in daily Defect meetings to discuss the previous day defects with the Developers and managing the defect life cycle until they are being closed.

Environment: Java, Selenium WebDriver, TestNG, Maven, TFS, Cucumber, Jenkins, Eclipse, UAT, Postman, GitHub, XPath, CSS, XML, Rest API, HP ALM, SQL, Agile and Windows.

**Deloitte, Dallas, TX**

**Role: SDET/QA Automation Engineer Nov 2018 - Dec 2019**

**Responsibilities:**

- Analyzed business requirements and functional documents, created the test strategy document that defines the test environment, phases of testing, entrance and exit criteria into different phases of testing and resources required to conduct the effort.
- Developed custom libraries for automation using JAVA & Selenium WebDriver.
- Designed and developed Page Objects using Page Object Design Pattern and Selenium WebDriver.
- Used TestNG Annotations like Before Suite, After Suite, After Method, After Test and configured Parallel Processing using TestNG xml.
- Automated Test cases using Selenium for Regression testing and TestNG for grouping the tests.
- Used TestNG Framework performed unit testing. Used Eclipse IDE executed and tested various functional modules in Java code using assertion.
- Performed Functional testing, Integration testing, System testing, Positive testing, Negative testing, GUI testing and UAT testing.
- Ran automated scripts for Maintenance and Regression testing using QTP/UFT.
- Automated test scenarios for GUI, Functionality and performed data driven testing on the application inserting different data in excel sheet using QTP/UFT and analysed Actual Result and Expected result.
- Performed Functional Testing through UFT using VB Script Scripting language.
- Involved in preparing a report of all automation difficulties and test results for further application using Maven.
- Used BDD framework with Cucumber, Java and created feature files with scenario outline files.
- Used VB Scripting in UFT, Generated test results using UFT and analysed Actual Result and Expected result.
- Contributed to the Continuous Integration pipeline running component builds, creating, and running Deployment jobs on individual stages on Jenkins, and running automated and manual functional tests.
- Used Firebug/Firepath to do web-based application testing with selenium for the commands and locator application.
- Involved in regression testing for the modified builds. Raised defects by giving validations and doing negative testing on applications. Actively involved in UAT.
- Performed API Level testing for web services and developed many Test suites using XML.
- Involved in GUI testing, Integration testing, navigation testing and regression testing using web and client-server applications.
- Performed functional testing, integration testing, and validation testing on various applications with manual testing process.
- Developed a Test Plan and Test Cases based on system requirements and Software performance standards.

- Performed functional testing of SOAP and RESTful Web Services using REST Assured tool. Developed Data Driven Tests using Postman and automated functional testing.
- Used Quality Center for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
- Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
- Actively participated in Stand-up meeting, walkthrough meeting, weekly assessment meetings and daily bug triage meetings and interacted with developers and business analysts to ensure high quality of the application under test.

Environment: Java, Selenium Web Driver, TestNG, Maven, Cucumber, TFS, Jenkins, UFT, VB Script, Postman, UAT, Eclipse, Firebug, Firepath, XPath, CSS, DOM, XML, Quality Center, SQL, Agile and Windows.

### **Best Buy, Minneapolis, MN**

#### **QA Automation Engineer Mar 2017 - Sep 2018**

##### **Responsibilities:**

- Worked as a QA member in web-based E-commerce site development project in an agile environment.
- Involved in Functional, System and Regression testing in the Ecommerce application environment like in Websites selecting games, adding to cart, Checkout and payment methods.
- Worked on POS (Point of Sale) self-checkout / POS (Point of Sale) QA Testing was involved in setting of QA Test environment with simulated POS (Point of Sale) test environment.
- Reviewed and analyzed Business Requirement Documentation (BRD) to gain understanding of POS (Point of Sale) implementation.
- Tested different functions of the POS (Point of Sale) system like scanning, payments and returns. Moreover, make sure that the system meets the requirements and expectations.
- Managed and closely participated in the Project Management of POS (Point of Sale) Initiatives.
- Attended Daily Stand-Up meetings and provided QA status updates on different user stories.
- Determined the scope on multiple User Stories, provided estimates based on that scope, and revised the scope to meet the needs and deadlines.
- Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using Selenium RC.
- Created whole test framework using Selenium for further test creation and execution.
- Performed data validation testing using POS (Point of Sale) system.
- Responsible for verifying Web services API request, response data validations in REST, SOAP protocols.
- Used Visual Basic Scripting in QTP, Generated test results using QTP and analysed Actual Result and Expected result.
- Developed data driven scripts in Quick Test Professional and executed scripts.
- Used checkpoints to check the functionality in QTP.
- Escalated Defects while studying Project Requirements and writing Test Cases by using HP Quality Center (QC/ALM) and followed logged defects.
- Participated in the Development of Internal Communication Plans to support POS (Point of Sale) initiatives.
- Used QTP/UFT for Functional and Regression testing of the application to make sure the submission and approval process of the adding/changing products, checkout and payment was as intended.
- Developed Test plan, Test strategies and Test cases for payment methods.
- Participated in crosswalk testing using two POS (Point of Sale) systems.

- Performed extensive database testing to verify the results generated by the batch applications. Wrote many SQL queries using SQL query analyzer to query the database tables for correct entries.
- Developed and automated Web Services API testing using SoapUI frameworks.
- Responsible for documenting the System Requirements to support National POS (Point of Sale) initiatives for the Retail.
- Used Quality center for Test Management, Defect Management and save or manage the automation scripts created using QTP.
- Managed and executed test cases and logged defects in defect reporting tool using HP Quality Center.

Environment: HP QC/ALM, Eclipse, XML, HTML, CSS, POS (Point of Sale), HP QTP/UFT, MySQL, Java, SOA, Firebug, XPath, Windows.

### **Techmahindra Bangalore, India Oct 2009 - March 2011**

CRM application interfaces with a few existing Elsevier applications, namely SIS, AIR, and Oracle Financials. Testing Services will be involved in testing all these interfaces to ensure that the data passed between CRM and the application is correct.

Testing Services will be responsible for performing the functionality of the application including sanity, Regression, data Migration testing. It consists of many modules like Accounts, Opportunities, Agreements, Approvals, and it goes through renewals, credits, and amendments.

#### Responsibilities:

- Responsible for analysis of how many scripts can be generated using Regression Suite.
- Provided KT to new Resources on Enhancements' and Change Requests if any.
- Involved in creating estimates for the Script generation.
- Involved in recording and running the execution of Regression test cases using QTP9.1

Environment: Seibel7.8, Oracle10g, Mercury Quality Centre 8.0, QTP9.1, Windows XP

### **Techmahindra, Hyderabad, India Module Lead Sep 2008—Apr 2009 Project Name: Cisco International 2.0**

Project Description: Cisco International 2.0 is the organization wide initiative to create new Buy / Sell Entities - Operating Units for specific Geographic Locations. The Technical scope is to Create New OU in Oracle ERP, Migration of TCA Customer Data and customizing the Service Sales Tools & Oracle Service Agreements Module to handle operations across multiple OUs. The Functional Scope is from Install Base Updating, TCA Data Updating, Opportunity / Service Order process modification. Service Sales Tools & Oracle Service Agreements Module to handle operations across

#### Responsibilities:

- Involved in Deriving Test Scenarios from Functional Specifications and Technical Design document.
- Involved in Authoring Test cases deriving from Test Scenarios.
- Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and XPath in Selenium.
- Provided KT to new Resources on Enhancements' and Change Requests if any.
- Involved in System testing to ensure the End-to-End flow is working as per the functionality.

Environment: SQL, PL/SQL, Oracle 10g, TOAD, Quality Centre 9.2



**Mahindra Satyam, Hyderabad, India**

**Role: Module Lead March 2006 - Aug 2008**

**Project Name: Cisco Service, Sales, and Marketing (SSM)**

Project Description: CISCO SSM B2B (Business to Business) is an application through which the Quoting and Ordering process of CISCO products happens. Customers can create quotes for products and order them. This application is developed in Java and the requests for Quoting and Ordering are submitted via XML templates with the necessary data within the XML tags. The application processes the data through one of Java's XML parsing APIs.

**Responsibilities:**

- Involved in deriving Test Scenarios from Functional Specifications and Technical Design document.
- Involved in Authoring Test cases deriving from Test Scenarios.
- Provided KT to new Resources on Enhancements' and Change Requests if any.
- Involved in System testing to ensure the End-to-End flow is working as per the functionality.

Environment: XML, Java Script, J2EE, Toad, Mercury Quality Centre