**Ashok Baddam**

**Software Test Lead**

# PROFESSIONAL SUMMARY

* Around 14 years of experience in software **Manual/Automation testing** and **Quality Assurance** management for **ERP, Healthcare, Retail & Distribution** domains.
* Worked on Requirement analysis, writing Test cases, **Executing Test cases**, logging defects and preparing test summary reports.
* Expertise in Selenium automation using **Selenium WebDriver, Selenium** with **Cucumber framework, Selenium IDE, Selenium Grid, Java, Python.**
* Experience in API testing using **Postman & Apigee**.
* Highly skilled and experienced in **Agile Test Methodology** as well as **Waterfall Test Methodology**.
* Knowledge and experience in **Python & Java** scripting languages.
* Experience in working with **Windows** and **iOS** operating systems.
* Experience in Estimations, Test Plan/Strategy, Planning, Status Reporting, **Production Support**, Functional Automation, Performance Tuning and Large-Scale Customer facing web applications.
* Experienced in API scripts using **REST Assured** Framework.
* Knowledge in developing automation framework using Selenium.
* Integrate automated tests in a **CI/CD** environment with Jenkins.
* Experienced using Jenkins server to perform Continuous Integration (Cl) through **AWS** services.
* Experience in testing web services with both SOAP and REST services using SOAPUI Tool.
* Hands-on experience in all stages of Quality Assurance Life Cycle (**QALC**) aspects such as Requirement Analysis, Test plan development, Designing, Test execution, Report generations and Test Sign-off.
* Experience working in SQL queries with MS SQL server, Oracle and MySQL database & Provider

Data Management.

* Extensive experience in Functional testing, **Black Box testing**, System testing, **Integration**, Regression Testing, Database testing, Negative testing, **User Acceptance Testing**, **Ad-hoc testing**, **End-to-End testing** and Browser compatibility Testing
* Strong end-to-end experience in **SDLC** and **STLC**
* Experience in Sprint planning, Test Plan creation, Test Summary reports, Defect Reporting, Daily/Weekly status reports.
* Effective communication with clients and the onsite lead/project managers.
* Expertise in Testing Management tools like Bugzilla, **HP ALM, QC, TFS** and **JIRA**.
* Ability to work under pressure and meet deadlines worked as an active team member and produced good results on responsibilities given to me.
* Provided 24/7 on call support to the development team in both testing and production environment, and analysis (troubleshooting) of log files to resolve issues.
* Experienced with different SDLC methodologies such as **Waterfall**, **V Model** and **Agile Process (Scrum Methodology)**.

# TECHNICAL SKILLS

* **Testing Tools:** Selenium Web driver, Jenkins, Eclipse, Cucumber framework, Postman
* **Language :** Python, Java
* **Operating Systems:** Windows, iOS.
* **DB:** MS SQL, Oracle, MySQL
* **Web Services & API** : Rest Assured, Postman, Apigee, TestNG
* **Application/Web Servers:** Web Logic
* **Cloud Platforms**: AWS
* **Test Management:** JIRA, QC, HP ALM, TFS, Bugzilla  **Test Methodologies:** Agile, V Model, Waterfall

**EDUCATION**

Master of Computer Application, Osmania University, India

Bachelor of Computer Science, Osmania University, India

**WORK EXPERIENCE**

**Software Test Lead, May 2023 to Present**

**Client: Philip Morris International, Stamford, CT, USA**

**Description:** PMI web application with Power BI reports which provide abilities for Brokers share information from SAP & Avilda systems with IPR users, It has two user roles as a Broker and IPR user are defined in scope. Inward processing relief reporting for excisable goods used in production Inability to calculate exact usage of excise goods (leaf, acetate tow, base product) used in production of Finished Goods. Possible loss of IPR license - increase in paid excise duties.

**Responsibilities**

* Created detailed **Test Plan** documents outlining the testing scope, approach, resources, and schedules, ensuring a clear and structured approach to testing activities.
* Prepared comprehensive Test Scenarios, Test Data, and Test Cases for Module, Integration, and system testing, which ensured thorough and complete test coverage across all project phases.
* Estimated, prioritized, planned, and coordinated testing activities, ensuring that testing tasks were completed on time and within scope, contributing to the overall project timeline.
* Executed **SQL queries** and performed data comparisons to validate data integrity and consistency, ensuring that the database content met the required specifications and was free from errors.
* Developed reusable functional libraries and integrated various **APIs** and reporting tools into end-toend testing practices, enhancing the efficiency and effectiveness of the testing process.
* Generated and presented detailed testing status and summary reports to clients and teams, ensuring clear communication of testing progress, results, and any issues encountered.
* Conducted **ETL testing** to validate data extraction, transformation, and loading processes, ensuring that data was accurately and completely transferred between systems.

Executed back-end database testing using **MySQL** Server Workbench to verify data integrity and reliability, ensuring that the database operated correctly and without errors.

* Created **Selenium** web-driver automation scripts using **Java** to validate functionality on various browsers.
* Performed thorough regression testing to ensure that resolved bugs did not reappear and that new changes did not introduce new issues, maintaining the overall quality of the software.
* Demonstrated expert proficiency in performing various types of testing, including Smoke, System **Integration, Regression**, and Exploratory Testing, ensuring comprehensive test coverage.
* Actively participated in all required **Agile** ceremonies, including **Sprint Review, Daily Scrum**, and Sprint Retrospective meetings, ensuring alignment with Agile processes and team collaboration.
* Identified showstoppers/blockers and collaborated with developers to resolve issues promptly, ensuring smooth and uninterrupted test execution.
* Managed and resolved issues encountered by team members during the test life cycle, providing guidance and support to ensure that testing activities continued smoothly.
* Effectively reported and tracked bugs using the Project Tracking tool **JIRA**, ensuring clear and actionable bug reports that facilitated quick resolution by the development team.
* Worked closely with developers to understand application changes across multiple releases/builds, ensuring that the regression test coverage included all necessary tests.
* Addressed **UAT** and Pre-Production defects, providing valid reasons for defects and ensuring that they were resolved in a timely manner to maintain the quality of the final product.

**Environment: ASP .Net Core, ADO .Net, MySQL Server, Power BI Reports, JIRA, Selenium, Java, AWS, Agile Scrum**

**Senior Software Test Engineer , EPAM July 2022 to Apr 2023**

**Client: Geisinger, Danville, PA, USA**

**Description:** Geisinger's patients, members, pharmacy, and wellness user demographics are divided into different portals. These portals have varied methods of gathering and capturing consents and communication preferences, which are kept in various places. User communications at Geisinger are uncoordinated, causing friction with customers.

The Consent and Communications program was created to enable effective, precise, and coordinated communications and to ensure a 360-degree view of all customer preferences.

Due to its intrinsic support of the Consent data model and associated validations, Salesforce health cloud was selected as the appropriate platform to centralize Geisinger's Consent and Communication preferences.

**Responsibilities**

* Responsible for periodic updating of **Test Plans** and **Test Cases** as per Requirement Specifications and Business rules.
* Involved in designing and implementing of Data Driven framework to be used with Selenium.
* Developed automated scripts using **Selenium Web Driver** and Karate Frame work using Java.
* 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 Web Driver.
* Involved using Jenkins server to perform Continuous Integration (Cl) through **AWS** services.
* Prepared comprehensive Test Scenarios, Test Data, and Test Cases for Module, Integration, and system testing, which ensured thorough and complete test coverage across all project phases

Reported bug using Project Tracking tool **Azure DevOps**.

* Created the automation test scripts with using **Cucumber** framework in **Selenium** with **Java** .
* Performed data validation and verification activities to ensure accuracy and completeness of provider data within healthcare databases.
* Performed **Regression testing** on new builds, every modification in the application using Selenium RC.
* Performed back-end testing using SQL queries to validate the data in the back-end **SQL Server**.
* During testing life cycle, performed different types of testing like **Smoke Testing, UI Testing, Integration Testing and Automation Regression Testing with Selenium IDE**.
* Experienced in open-source automation tools (Selenium), developing, and running automation scripts using **Selenium WebDriver 2.0 with Python**.
* Involved in testing application on different mobile platform such as **iOS** and **Android** devices.
* Created Selenium web-driver automation scripts using Python to validate functionality on various browsers.

**Environment: Selenium WebDriver, Salesforce, API, Azure DevOps, Agile Scrum, Jenkins, AWS, Java**

**Software Test Lead, L&T August 2011 to July 2022**

**Client: Larsen & Toubro, Chennai, TN, India**

**Description:** EIP helps to integrate the data in organization under one common platform. The purpose behind it is not only to ensure transparency but also to facilitate tracking down of information regarding the status of a construction project. All the activities right from pre-construction stage to post construction stage can be captured and monitored. Management can access and manage onsite activities from anywhere anytime. EIP contains nearly 32 modules like Access and Workflow Management(AWM), Supply Chain Management (SCM), Work Order Management (WOM), CRM, and Financial & Accounting System

(FAS) etc.

**Responsibilities**

* Assessed and analyzed user stories and participated in Sprint planning, Review Sessions, Scrum Meetings and developed **Test scenarios, Test cases, Test data, Test reports**.
* Developed BDD (Behavior Driven Development) tests using Cucumber in Gherkin format for writing behaviors in feature files and Step definitions.
* Handled Selenium Synchronization problems using Explicit &amp; Implicit waits during regression testing.
* Cucumber was used for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Thorough experience in implementing Automation tools **Selenium WebDriver**, **TestNG**, **Eclipse**, **Git/GitHub, Jenkins, Apache POI, Maven** pom.xml.
* Used test runner classes in cucumber to generate step definition and used tags to run various kinds of test suites like smoke, and regression.
* Captured Application Screenshots and copied the images whenever exceptions occurred and at important checkpoints of application execution.
* Created test reports of errors with supporting traces, log files and excellent descriptions.
* Followed **DevOps** continuous integration (CI) tool Jenkins to execute the test scripts periodically on Selenium.

Evaluate and validate returned data from **API** responses when testing user profile or data objects, and other properties using **Postman**.

* Experience in writing complex XPATH using following and preceding and also using functions like contains and not contains.
* Involved in Preparation, Reviewing and Execution of test cases.
* Involved in writing Test Plan for the web application after analyzing the specifications and business requirements.
* Validated all automated runs Pass/Fail Result and debugged errors in **CI/CD** Environment with release testing processes.
* Experience in **Agile** methodologies and CI/CD (Continuous Integration and Continuous Deployment) using Jenkins.
* Performed **End-to-End Manual Testing** of the application.
* Security testing ensured the application business logic, and helped identify and patch all the vulnerabilities of the application.
* Performed **Smoke, Functional, Integration, Regression** and **End to End** tests.
* Involved in testing application on different mobile Platform such as **iOS** and **Android** devices.
* Created **Selenium web-driver automation scripts** in **Cucumber framework** using Python to validate functionality on various browsers.
* Performed the Testing on the various **mobile devices** with a various platform (iOS, Android). **Environment: Agile, HP ALM, Silverligh4.0 &5.0, Angular, Kendo, Cucumber Framework, Appium, Visual Studio, MS SQL Server, API, Postman, Selenium with Python, Jenkins, Java, Quality Center.**

**Software Test Engineer , Preludesys September 2010 to August 2011**

**Client: Daimler(Bharat Benz), Chennai, TN, India**

**Description:** This project was designed to develop an Intranet based Material Management System for Daimler India Commercial vehicles. **Responsibilities**

* Functional Test Requirement Analysis using Business Requirements Document and Design documents.
* Thorough knowledge in **SDLC** and **STLC**.
* Using **QC** tools identified the defects, reported them to the development team, and reviewed documentation to check the quality.
* Gathered requirements for the integration of system with the supply chain system.
* Test creation and performance testing completed on off hours as not to disrupt company networks.
* Conducted performance testing for Interfaces.
* Creating and maintaining **QA Matrices** using **Bugzilla**.
* Wrote complex SQL scripts for Back-end testing and Front-end Data validations.
* Created **SQL Queries** to retrieve the data from different tables to perform Back End testing on Database.
* Developed and executed manual test scripts using test plan and test lab sections of Bugzilla for **System testing, Integration testing and Regression testing** of the application.
* Performed back-end testing using SQL queries and executing stored procedures. **Environment: MS SQL, C#, .Net, Visual Studio, Bugzilla**