

Madhusudhan

QA Engineer

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SYNOPSIS

- **5 + years** of IT experience in Both **Manual and Automation** Testing as a **QA Engineer**.
- Good Experience in **Selenium Web driver with Python**
- Worked on **Robot & Pytest Frameworks** using design pattern approach called as **Page Object Model (POM)**.
- Good Knowledge on **Linux Commands**.
- Extensively worked on Web based and Client-Server applications.
- Excellent exposure in developing the functional test scripts using **Selenium**
- Worked with Jenkins for achieving **Continuous Integration/Deployment (CI/CD)**.
- Hands on worked on relational databases like **SQL Server** (DDL, DML, DCL)
- Good Experience analyzing the User Stories in **Sprint Backlog**.
- Experience with **Tosca Commander Interface**
- Participate in **Scrum Meeting** to discuss about the project progress report every day.
- Analyzed **Test Scenarios**, design **Test Cases**, defect analysis and **Defect Report**.
- Solid expertise in **XPath** formation for locating elements in web applications.
- Experience with version control systems like **Git** and **GitHub**.
- Experience in defect log using defect management tool Such as **JIRA**
- prepared daily test status reports to communicate the test status with the team.
- Performed different types of testing like in **Smoke, Sanity and Regression Testing**.
- Experience on **SDLC and STLC**.
- Worked on **Postman** tool & **Requests** Module to validating the **API's**.
- Good experience **SQL** for **modifying, inserting, querying** the data in the database
- Experience on **Agile (Scrum)** Methodology

SKILLS

- Tools –**Selenium, Tosca Jira, and Postman**
- Programming Language- **Python**
- OS– **Windows and Linux**
- Database- **SQL Server**
- Test Automation Frameworks - **Pytest & Robot**
- Version Control Tools and IDE - **Git, GitHub, PyCharm**
- Build Management – **Jenkins**
- Web Services – **REST API**

EXPERIENCE

- Working as a **QA Engineer** in **JUBLIEE INFORMATION PRIVATE LIMITED** from **Apr-2020**

EDUCATION

- **B. Tech (E.E.E) – JNTU-A**

PROJECTS

Project-3:

Project Name- MDM SaaS Application

Team Size – 7

Role – QA Engineer

Operating System– Windows

Duration – Jul 2023 to Dec 2024

Tools & Technologies–Manual Testing, Python, Selenium, Jenkins, Pytest, PyCharm, Git, GitHub, Jira, and MySQL.

Description:

Data management (MDM) SaaS based Application is developed on cloud platform.

To analyze, manage and introduce workflow approval for the data which are grouped into various data sets like Products and Pricing, Business units, Product Groups before it gets into the Production database.

This Pharma data is being shared by several other applications. This application provides following core services for shared data:

- Upload the shared data through files and push to staging database by creating project
- Analyst to review and update the staging data
- Analyst to send the reviewed data for Manager's approval
- Manager to review and approve the project
- Push the approved shared data into production database
- Dashboards
- Download shared data

Roles & Responsibilities:

- Identified End to End Test Scenarios, Test Cases and Test Data.
- Performing Functional, Retesting and regression testing.
- Follow STLC process with deliverable on time.
- Identification of defects, registering them in Jira and reporting them.
- Identify the test cases for Automation and write the script.

Project-2:

Project Name- Education USA India.

Team Size - 8

OS – Linux

Role – QA Engineer

Duration – Mar 2021 to Jun 2023

Tools and Technologies – Python, Selenium, Python Request module, Jenkins, Git, GitHub, Jira, and Robot Framework.

Description:

The Education USA India web application provides current and unbiased information on studying in the U.S. and the answer FAQs on the admission process for students aspiring to study at one of the 4700 accredited degrees granting institutions in the U.S.

Education USA application provides core services to upload the shared data through files and push to staging database by Monitoring and Reporting.

Roles & Responsibilities:

- Involved in Analyzing the Business Requirements Document and system Specifications and identified the test requirements.
- Involved in Creating Test Requirements Specification documents and Result documentation.
- Involved in Manual and API Automation.
- Participated in the Review meetings with team members.
- Interacted with developers and used the Jira tool for bug reporting, analysis, and tracking.
- Attending scrum calls regularly to give status update on project.
- Involved in acceptance testing to collect feedback from customer site

Project-1:

Project Name-Message Service Delivery System (MSDS)

Team Size - 9

OS – Windows

Role – Test Engineer

Duration – May2020 to Feb2021

**Tools and Technologies – Python, Postman Collection, Selenium,
Cucumber, Git, GitHub, Jira, and Jenkins**

Description:

The main aim of the project is that to deliver text messages to the MSISDN subscribers. In this project we have two roles such as Admin, Content Sender (CS) user. The role of Admin is to create contact sender users, distribution list, contacts, groups, and, he gives permissions to the contact sender to view the distribution list.

Contacts, groups that are created by the admin or other cs users. Admin can also take care of quota management and on fly. The role of Contact Sender is that to create distribution list, contacts, groups and, he can have access to create, edit, delete also. Contact Sender sends messages to MSIDIN or Distribution list contacts subscribers.

Roles & Responsibilities

- Understanding and implementing the User stories and Story points
- Worked on Hybrid Framework which includes Pytest, Data Driven with Page Object Model Design Pattern Approach.
- Developed test scripts using Selenium WebDriver, Pytest and Python
Participated in the Review meetings with team members.
- Performing Failure Analysis for Regression Run Results and Reporting the results
Attending scrum calls regularly to give status update on project.
- Reporting defects and working with the team to resolve them.
- Participating proactively in daily standup scrum meetings, story grooming sessions, team retrospectives, suggesting and implementing improvements