**HARI**

Python Automation testing

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**SUMMARY**

* 4+ years of experience as an **automation** tester using **Python** and **Robot Framework**.
* Expert in automate **UI** applications, **RESTAPI** test cases and **CLI** based test cases.
* Experienced on creating **test suites** and **test cases** using **pytest** and **Robot Framework**.
* Expert in create user define **keywords**, **Libraries**, **resource** and **configuration** files.
* Developed **Keyword** and **data Driven** Frameworks and worked on existing frameworks.
* Experienced in automate web applications using python **selenium webdriver**.
* Experienced in create **Dynamic XPATH** and **CSS** for identify elements in web page.
* Expert on **re, selenium, requests, logging, pytest, paramiko** and **threading** modules.
* Developed scripts using **OOP, packages, modules, Exceptions** and **decorator** in python.
* Experienced in **RESTAPI** automation using python **request** module and manual testing.
* Work experience in API **CRUD** (GET, PUT, POST, and DELETE) operations.
* Expertise in **writing testcases** by applying Test Case Design Techniques
* Experienced **in Functional, Regression, Performance, Sanity** and **Integration** Testing.
* Experience on **Manual** testing, **SDLC**, **TDLC**, **Bug** life cycle and **Agile** process.
* Experience on **GIT** repository tool for code management and Bug tracking tool **Jira**.
* Experienced on **Linux** and **Windows** environments for run test cases.
* Excellent at communication, teamwork, problem solving, critical thinking, collaboration, time management.

**TECHNICAL SKILLS**

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| --- | --- |
| Languages | Python |
| Frameworks | Robot Framework and pytest |
| Databases | MySQL |
| Web Services | REST API |
| IDES/Tools | PyCharm, Postman, Intellij and Jira |
| Python Libraries | Paramiko, threading, logging, requests, selenium, pytest and sys |
| Version Control Systems | GitHub |
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**PROFESSIONAL EXPERIENCE**

* Working as Senior Project Engineer in **Wipro** from Jan 2018 to till date.

**EDUCATION**

* M.Tech (EEE) (2013-2015) JNTU - Anantapur University Percentage 72 %

**PROJECTS**

NAME : **Edge Intelligence IoT**

Duration : **March 2020 to till date**

Technology : **Python, Selenium, Robot framework**

**Environment : Docker and Windows**

**Description**

Edge Intelligence (A cisco based IoT project) is a selenium web-based application, where we can extract data from four asset types and transform that data, after which it is being governed and finally delver to the cloud for storage of the data. In this we automate the test cases using Automation testing python with selenium and Robot framework. In this project we used Docker, Git, Jira, PyCharm Editor, Ubuntu, Confluence and TIMS.

**Responsibilities**:

* Involved in developing new libraries, resource, variable files for automate test cases.
* Developed automation scripts using Oops, modules, packages and regular expressions.
* Developed & designed automation framework using Python and Robot framework.
* Automated web applications using python selenium web driver.
* Done manual testing for Functionality, Integration, System and Regression.
* Involved in automating the test scripts using selenium web driver.
* Developed python scripts using paramiko, logging and re module.
* Attended daily standard modules s agile scrum methodology.
* Used Jira bug tracking tool for mange defects.
* Used Git version control tool for code management.
* Responsible for user validations on client side as well as server side.
* Interacted with QA to develop test plans from high-level design documentation
* Different testing methodologies like unit testing, Integration testing, web application testing
* Developed test scripts for automation with Selenium.

NAME : **Automate Business Process**

Duration : **Jan 2018 to Feb 2020**

Technology : **Python, Selenium, Robot framework, Pytest** and **RSET API**

**Environment : Linux and Windows**

**Description**

Automate business process is an application to automate multiple applications process and tasks. Using automate business process we can reduce manual effect to handle each application individually with help of automate business process we can operate each application tasks and automate. Automate business process supports web application, CLI and REST API also.

**Responsibilities**:

* Involved in developing new libraries, resource, variable files for automate test cases.
* Developed automation scripts using Oops, modules, packages and regular expressions.
* Developed & designed automation framework using Python and Robot framework.
* Automated web applications using python selenium web driver.
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* Different testing methodologies like unit testing, Integration testing, web application testing
* Developed test scripts for automation with Selenium.