**PRASHANTH N**

Python Automation testing

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**SUMMARY**

* **4.2** years of experience as an **automation** tester using **Python** and **Robot** **Framework**.
* Expert in automate **UI** applications, **REST** **API** test cases and **CLI** based testcases.
* 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** **Driven** and **data** **driven** Frameworks and worked on existing frameworks.
* Experienced in automate web applications using python **selenium** **web** **driver**.
* 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 **REST** **API** automation using python **request** module and manual testing.
* Work experience in API **CURD** (GET, PUT, POST, and DELETE) operations.
* Expertise in **writing** **test** **cases** 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, Putty, Postman, Jira and WinSCP |
| Python Libraries | Paramiko, threading, logging, requests, selenium, pytest and sys |
| Version Control Systems | GitHub |
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**PROFESSIONAL EXPERIENCE**

* Working as Software Engineer in **POWERSOFT GLOBAL SOLUTIONS** from Mar 2020 to till date.

**EDUCATION**

* B.E from M S Ramaiah Institute of Technology, Bangalore

**PROJECTS**

NAME  **Device Process Automation**

Duration  **Sep 2022 to till date.**

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

**Environment Linux and Windows**

**Description**

Deviceprocess automation 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 Deviceprocess automation we can operate each application tasks and automate. Deviceprocess automation 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 OOP, 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 develop design, known issue and user guide documents.

* 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.

**PROJECTS**

NAME  **ICAP**

Duration Mar 2020 to Sep 2022

Technology Python, Selenium and Robot framework

**Environment Linux and Windows**

**Description**

ICAP (Instant Capacity) program for integrity Superdome 2 servers. Offers three types of ICAP 1) ICAP for integrity Superdome 2, blades, and memory.2). Temporary Instant Capacity (TICAP). 3). Global Instant Capacity (GICAP). ICAP provides the capability to add cores and memory on demand while paying only a fraction of the cost until used TICAP provides pre-purchased time, which can be used to turn cores on and off as needed. GICAP allows customers to share ICAP usage rights among a group of servers.

**Responsibilities**:

* Involved in Automating the test scripts using selenium web driver.
* Involved in writing down the test cases by going through technical specification documents.
* Involved in developing new libraries, resource, variable files for automate test cases.
* Developed library functions if not available and integrating the same with the existing libraries.
* Involved writing functions and adding new libraries
* Study requirement documents to understand project / product requirements.
* Managed code using source code management tool GIT.
* Execution of test cases through manual and finding issues.
* Issues reporting/clarifications, raising bugs if product issues.
* Involved in acceptance testing to collect feedback from customer site people.
* Attending scrum calls regularly to give status update on project.
* Used SQL for modifying, inserting, querying the data in the database.
* Involved in communicating with team members as well as clients.
* Executing the automated scripts and updating the logs.
* Working on automating the test scripts using Robot framework with selenium