**Moolya Software Testing**

Mohana Kasivisweswara Rao  
SDET (1.9 Years)

## Introduction:

Mohana kasivisweswara Rao is a **1.9 years experienced** Software Development Engineer in Test. He has worked on domains like **Telecom.** In his brief experience as a software automation engineer, Mohana has used automation technologies like:

* Python - Selenium (pytest) & Robot framework for Web UI Automation
* POSTMAN for API testing
* Oracle SQL for data fetching & creation activities from data base
* Manual testing of web & desktop applications

With **Python as** Programming language.

## Work History:

## Mohana started his Software Testing/Automation career from Jan 2022 with Test Yantra software solutions, Bangalore, India as Software Engineer.

* From March 2023 to July 2023, Mohana worked at Lumen, Bangalore, India as Software QA consultant 1.
* Mohana worked on Telecom platform for Lumen, majorly focusing on ticket & outage operations using Robot frame work for automation and also with manual testing
* Mohana has also worked on Oracle SQL for data support activities within the team for different aspects of testing.
* Executing sanities for initial build delivery and final testing as a part of integrated release in test, stage as well as production environments.
* Creating tickets from desktop as well as from API’s in sanity and regression testing.
* Creating and checking the outage correlation in desktop as well as Outage API’s

## Trainings at Moolya:

* After joining Moolya, Mohana got trained in Selenium + Python & retrained in Robot framework, API testing using POSTMAN, Git & Jenkins
* Some of the curriculum areas that Mohana learnt as part of the training are:

| **Programming Language** | **Description** | **Status** |
| --- | --- | --- |
| Python | Data types, operators, conditional statements, loops, functions, file handling, OOPS, Regular expressions | Completed |
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| **Automation Stack** | **Description** | **Status** |
| --- | --- | --- |
| Python - Selenium  (Pytest) | Different browser setup, locators, synchronization, window handling, alerts handling, frames, web tables, java script executions, POM frame work setup, Execution scripts using pytest framework, creating a sample project on demo website | Completed |
| Git, Github, Jenkins | Creating, cloning, merging repos, and adding them to Jenkins config to run the jenkins jobs | Completed |
| Robot frame work | Different browser setup, locators, keywords for selenium operations, synchronization, window handling, alerts handling, frames. | In progress |
| Rest API – Python & Robot frame work | Well versed with all HTTP methods, testing end to end flow of all end points. Worked with authorization using Basic, Bearer, Oauth 2.0 | In progress |
| POSTMAN | HTTP methods, collections, snippets, variables, data driven testing using excel file, created a postman collection on github repo’s using REST API documentation | Completed |
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## Assessment Report post Training:

Mohana’s assessment is divided into the following sections:

**Programming Language Proficiency:**

* OOPS Concepts :
* Strings Questions :
  + Print a String in reverse
  + String Palindrome
  + File Handling
  + Count the occurrence of unique words in a file
  + Two input String is Anagram
  + Sort by Alphabets
  + List, Tuples, Dictionaries
* Code Quality : 10/10
* Code Complexity :

**Github Repo with Solution for above and more programming problems:**

* [**https://github.com/Mohanakasi/Mohana\_SDET\_moolya.git**](https://github.com/Mohanakasi/Mohana_SDET_moolya.git)

**Automation Stack Proficiency:**

* Python – Selenium : 8/10
* Rest API :
* Robot Framework :
* CI/CD Pipelines & tools
* Version Control- Git, Github