 Shivam Sharma \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mobile: 9589576566**

**Email: shivamsharmamdh@gmail.com**

**LinkedIn:** [**https://www.linkedin.com/in/shivam-sharma-5a7122174/**](https://www.linkedin.com/in/shivam-sharma-5a7122174/)

**GitHub:** [**https://github.com/Shivammdh**](https://github.com/Shivammdh)

# Professional Summary

* 2.7+ years experience in Python Automation.
* Having experience in Python Automation, UI, API, CLI and Storage Automation.
* Involved in development of custom framework using python,pytest,unittest,selenium,requests etc.
* Having experience in object oriented programming.
* Experience in Storage Domain- SAN, NAS, DAS, NFS, SMB and RAID Levels etc.
* Experience in Docker, Jenkins, Robot Framework, Selenium and playwright.
* Worked with Linux OS and Git/GitHub.
* Worked with Jira and PractiTest.
* Worked in agile methodology.
* Proficiency in grasping new technical concepts quickly and productively utilizing them.
* Focused and goal-driven with strong work ethics and commitment to offering quality work.
* Exceptional Communication skills in both written and verbal.

# Educational Qualifications

## Oriental Institute of Science & Technology, Bhopal, Madhya Pradesh — *Master’s of Computer Applications.*

### August 2019 - June 2021

## Govt. PG College, Satna, Madhya Pradesh — *Bachelor of Science(C.S).*

### July 2014 - June 2017

## Saraswati HS School, Satna, Madhya Pradesh — *Higher Secondary Education.*

### April 2013 - June 2014

# EXPERIENCE

## Tata Consultancy Services, Lucknow, Uttar Pradesh— *Software Engineer*

### **MAY- 2024 - PRESENT**

* Perform regression testing, Functional testing.
* Optimising Code by reducing duplication and test case maintenance.
* Triaging the failed test cases and fix it.

## Msys Technologies, Pune, Maharashtra — *Software Engineer*

### **DEC- 2021 - APRIL 2024**

* Developed Test Automation Framework and test suites using Python.
* Perform regression testing, Functional testing and unit testing.
* Understand the test cases and perform manual testing.
* Execute test scripts on the different browsers, headless browsers, different platforms and do log scrubbing.
* Optimising Code by reducing duplication and test case maintenance.
* Designed, developed and implemented POM(Page Object Model) based on automation testing framework utilizing Python and Selenium.
* Perform testing on Selenium Grid.

## RCUBE Solution PVT. LTD., Bhopal, Madhya Pradesh — Web Development *Intern*

### **Jan 2021 - APR 2021**

* Building Scalable Web Applications with Expertise in Backend Development and Database Management.
* Utilized Django templates for efficient and dynamic web page rendering.

# Technical Skills

* Programming – Python 3.x
* Framework - Hybrid Framework with POM, Pytest Framework, Unittest, BDD Framework, Django.
* Other Frameworks and Libraries – Robot Framework, Selenium WebDriver, AWS Automation Using boto3, Jenkins, Docker, requests and Playwright.
* Database: MySql.
* Version Control System: GitHub
* Development IDE– Visual Studio Code, PyCharm, Docker Desktop.
* Operating System - Windows Families, and Linux.

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# Project

## Project 1 - HPE-Nimble Storage

Client – HPE, USA

Domain – Storage (SAN)

Position – Software Engineer

Technologies : Python, Selenium webdriver, unittest, Selenium Grid.

Tools – Git , Jenkins.

**Project Description :** HPE Nimble OS allows the data storage array volumes groups and pools that use the different protocol and includes data backup and data protection features.

**Roles and Responsibilities:**

* Understand the requirement and project functionality.
* Involved in creating a test suite.
* Analysis, designing and implementation of several modules.
* Triaging the failed test cases and providing the technical assistance for implementation and maintenance.
* Running Regression runs for every major release.
* Updating automated scripts according to the behavioral change for new releases.

##  Project 2 - Nyriad - UltraIO

Client – Nyriad, Newzeland

Domain – Storage (SAN)

Position – Software Engineer

Technologies : Python Automation, unittest, PyTest, Playwright.

Tools – Git, Jenkins.

Project Description : The Nyriad UltraIO storage system's revolutionary new architecture leverages the speed and power of both GPUs and CPUs in a block storage platform to deliver an unprecedented combination of simplicity, performance, resilience, integrity, and efficiency.This project works on SAN Technologies.

**Roles and Responsibilities:**

* Planning for test execution activities accomplished tasks on a daily/weekly basis.
* Understand the requirement and project functionality.
* Involved in creating a test suite.
* Analysis, designing and implementation of several modules.
* Triaging the failed test cases and providing the technical assistance for implementation and maintenance.
* Running Regression runs for every major release.
* Updating automated scripts according to the behavioral change for new releases.

##

## Project 3 - SNVC Interop

Position – Software Engineer

Technologies : Python, Django, REST framework, pike framework.

Tools – Git/GitHub.

**Project Description :** SNVC Interop is a UI interface for getting reservation for client and server machines for triggering the test suite based on SMB protocol, pike framework Python by GUI. Users can also analyze the log file, test result detail page etc once the test is done.

**Roles and Responsibilities:**

* Understand the requirement and project functionality.
* Analysis, designing and implementation of several modules and API.
* Design and develop high-quality web applications using the Django framework.
* Continuously improve existing systems by researching and implementing new technologies and tools.

# Certifications

* Python Programming
	+ Certificate issued By Naresh IT, Hyderabad.
* AWS Automation with boto3 and Lambda functions
	+ Certificate issued By Udemy.
* Selenium Webdriver with Python from Scratch + Frameworks
	+ Certificate issued By Udemy.
* Complete Linux Training.
	+ Certificate issued By Udemy.
* C/C++ Programming
	+ Assurance Educational Group.
* Cypress Automation
	+ Certificate issued By Udemy.

# Achievement

* AIR-356 NIMCET 2018