 Shivam Sharma

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

# Professional Summary

* Strong in design and integration with intuitive problem-solving skills.
* Proficient in Python and Selenium.
* Able to perform web Automation testing.
* Abilities in analyzing and interpreting unique problems, with project experience and logical thinking to find the right solutions.
* Good working experience in programming, Scripting, and Automation testing using Python.
* Dedicated team builder having excellent analytical skills and the capability to handle new technologies.
* 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.

# 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

## Sindhu HS School, Satna, Madhya Pradesh —*High School Education.*

### April 2011 - June 2012

# EXPERIENCE

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

### **DEC- 2021 - PRESENT**

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

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

# Technical Skills

* Highly skilled in – Python and Selenium.
* Proficient in – boto3 Automation, Robot Framework, Selenium Grid, BDD framework, Jenkins Cypress.
* Libraries – NumPy, Pandas, Beautiful Soup,OS, CSV.
* Database: MySql
* Framework - Pytest Framework, Unittest, Django.
* Version Control: Git
* Software – Visual Studio Code, PyCharm, Jupyter & Eclipse, Docker Desktop.
* Operating System - Windows 10 and 11, and Linux.

# College Project Summary

**PROJECT 1: Student support Portal**

**Duration: February 2021 to May 2021**

**Project: Student support Portal**

**Software Tools/Technologies Used: Pycharm IDE, Programming Language: Python,**

**Framework: Django.**

**Description:** In this project Users can log in or register themselves and can build their resume and download it, Also users can take tests in multiple programming languages.

# Personal Projects

## PROJECT 1: Add to Cart Automation

**Duration: Jan 2022- Feb 2022**

**Software Tools/Technologies Used: Pycharm IDE, Selenium, Unit test Framework Programming Language: Python.**

**GitHub Link:** [**https://github.com/Shivammdh/Add-To-Cart**](https://github.com/Shivammdh/Add-To-Cart)

**Description:** Automate a [Web Page](https://rahulshettyacademy.com/seleniumPractise/#/) and search items and add to cart and apply coupon and compare all item price total after that purchases all items which are inside the cart.

## PROJECT 2: Dictionary App

**Duration: Jan 2022**

**Software Tools/Technologies Used: Pycharm IDE, Programming Language: Python, Module: JSON.**

**Description:** Take a word as user input and get the result as the meaning of the user word, if the word is not found then it will get the result word does not exist if the user types some wrong word that is similar to a word, then it will give the suggestion about the word.

## PROJECT 3: Web Scraping on century21.com

**Duration: Jan 2022 to Feb 2022**

**Software Tools/Technologies Used: Jupyter Notebook, Programming Language: Python, Module: pandas, Beautifulsoup, requests.**

**Description:** Perform the scraping on century21**.**com and get all the for sale data and all information about the flat like area of the flat, total number of beds, flat location, etc and store all the data in a CSV file.

## PROJECT 4: Automation on the Keka portal.

**Duration: Feb 2022 to Feb 2022**

**Software Tools/Technologies Used: Programming Language: Python, Tools: Selenium.**

**Description:** Keka provides you single sign-on access so you do not have to spend time giving permissions for each platform. Whether it’s through mobile apps or the web, your employees can login with just a click.

**Role:**

Perform automation on the keka portal, it’s responsible for login on to the keka portal and going to the attendance log and marking all pending attendance, and also storing all pending attendance dates in a form of a list and getting output on the console.

## PROJECT 5: Keka Portal Automation.

**Duration: March 2022- June 2022**

**Software Tools/Technologies Used: Pycharm IDE, Selenium Webdriver, Unit test Framework, Selenium Grid, Programming Language: Python.**

**OS Platform:Windows 11, Linux**

**Description:** Keka provides you single sign-on access so you do not have to spend time giving permissions for each platform. Whether it’s through mobile apps or the web, your employees can login with just a click with single sign-on access. Employees can apply for leave, check leave balances and team calendar, Track real-time attendance Whether your employees are working remotely or at the workplace, quickly track their attendance anytime, anywhere, and also Employees can raise help desk requests and get resolution right there.

**Role:**

* Setup environment for Automation development and execution.
* Understand the test cases and perform manual testing
* Sync up with the team regularly to discuss the ongoing tasks.
* Implementing the page libraries, workflows & test cases in the python automation framework with Page object model.
* Execute test scripts on the different browsers and do log scrubbing.
* Logging Product bugs upon finding any issues.
* Test automation bug filing and fixing the same to make the execution stable
* Optimising Code by reducing duplication and test case maintenance.

## PROJECT 6: Automation on MakeMyTrip Website for Train search.

**Duration: Jan 2023 - Feb 2023**

**Software Tools/Technologies Used: Pycharm IDE, Selenium Webdriver, Unit test Framework, Selenium Grid, Programming Language: Python.**

**OS Platform:Windows 11, Linux**

**Description:** MakeMyTrip is an Indian online travel company, it's a company. the company provides online travel services including airline tickets, domestic and international holiday packages, hotel reservations, rail, and bus tickets

**Role:**

* Setup environment for Automation development and execution.
* Understand the test cases and perform manual testing
* Sync up with the team regularly to discuss the ongoing tasks.
* Implementing the page libraries, workflows & test cases in the python automation framework with Page object model.
* Execute test scripts on the different browsers, headless browsers and do log scrubbing.
* Logging Product bugs upon finding any issues.
* Test automation bug filing and fixing the same to make the execution stable
* Optimising Code by reducing duplication and test case maintenance.
* Create pipeline and Run test script using Jenkins integration.
* Project GitHub Link: [**https://github.com/Shivammdh/MakeMyTrip\_Train\_Search**](https://github.com/Shivammdh/MakeMyTrip_Train_Search)

# Certifications

* Python Programming Masterclass
  + Certificate issued By Udemy.
* Advanced Python Course with OOPS
  + Certificate issued By Udemy.
* AWS Automation with boto3 and Lambda functions
  + Certificate issued By Udemy.
* Browser Automation with Python and Selenium
  + Certificate issued By Udemy.
* Selenium Webdriver with Python from Scratch + Frameworks
  + Certificate issued By Udemy.
* Elegant Browser Automation with Python and Selenium.
  + Certificate issued By Udemy.
* Python Mega course – To build 10 real-world applications
  + Certificate issued By Udemy.
* Python From Scratch & Selenium WebDriver from Scratch 2022.\
  + Certificate issued By Udemy.
* Complete Linux Training.
  + Certificate issued By Udemy.
* Python Programming
  + Certificate issued By Naresh IT, Hyderabad.
* C/C++ Programming
  + Assurance Educational Group.
* Cypress Automation
  + Certificate issued By Udemy.

# Achievement

* AIR-456 NIMCET 2018.
* Institute 4rth Rank holder from geeks for geeks coding platform.