VENKATA PRASHANTH BHASUTKAR

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OBJECTIVE:

- To pursue a rewarding career in the field of IT by facing challenges in the environment, to utilize my skills and abilities in the field that offers professional growth while being resourceful, innovative and flexible with commitment and dedication

EDUCATION QUALIFICATIONS

- M. TECH (Embedded Systems) – JNTU, Hyderabad   (Nov 2009)

- B.E (Telecommunication Engineering) – R.V College of Engineering, Bangalore   (June 2006)

SUMMARY:

- About 4+ years of relevant experience in Python Automation Testing with Selenium Web driver, Selenium Python API methods, Python Functional Automation, Architect End-End test automation framework from scratch with PyTest, and integrating framework to Jenkins and setup various job parameters.

- Write reusable and structure code which is easy to maintain and understand, create helper classes or utilities, write effective test cases, and generating reports and logs.

- Multi-Technologies Experience and Willingness to work in a 24 x 7 environment

CORE SKILL-SET:

- Knowledge of Python
- Object Oriented principles of python
- Synchronization in Selenium Web Driver
- Python Functional Automation
- Selenium UI Automation Testing
- Testing Frameworks : TestNG, PyTest
- Page Object Model(POM) Architecture
- Page Factory Design Pattern
- API Testing
- Databases: Maria DB, MySQL
- CI/CD: GIT, Jenkins

PROFESSIONAL SKILL-SET:

- QA Automation with Python Selenium frameworks
- Complete Understanding on Selenium Python API Methods
- Building end to end Frameworks from scratch with PyTest and TestNG
- Integrating Framework to Jenkins and setup various Job Parameters
- Logging and Generating HTML Reports
- Read/Write data from Excel to Selenium Python Framework
- Loading the Excel data from file to dictionary for further processing
- Build a Utility to retrieve values from Sheet based on conditions
- Integrate Excel utility into selenium python framework
- Understanding Test Automation Framework and creating a directory structure
- Testing guidelines: coding standards, test-data management, defining object repositories, reporting guidelines, and logging strategies.
- Creating layered and structured code

- Writing reusable components and utilities
- Reading configurations from config.properties
- Generating interactive reports and logs
- Taking screenshots of failed scenarios
- Attaching screenshots to the report
- Creating GIT config and repositories
- Staging and Commit in GIT
- Add remote repository and push the committed code
- Branching and resolve merge conflicts in GIT

PROFESSIONAL EXPERIENCE

1. TECHSOURCE SERVICES (P) Limited, Mumbai, India	Oct 2017 – Jan 2022
Clients	QuEST Global India (P) Ltd.
Role	Software Test Analyst

2. TECHSOURCE SERVICES (P) Limited, Mumbai, India	August 2015 – Apr 2017
Clients	Think Embedded, Hyderabad
Role	Embedded Unit Testing Engineer

QuEST Global (Formerly Quality Engineering & Software Technologies) is a product engineering company in the Aero Engines, Aerospace-Defence, Hi-Tech, Industrial & Embedded Product Engineering verticals. The company that has operations spread across 73 locations in 15 countries including US, Canada, Singapore, UK, Germany, Italy, Spain, France, Sweden, Romania, Japan, and India was Established in 1997

I was part of Automation Testing Team, responsible for Framework Design Plan, Functional Automation, Selenium Web Driver, and responsible to develop end to end selenium python framework.

Initially for 12 months I worked as embedded test engineer to create robust embedded software at Client location-Think Embedded, Hyderabad. I got trained in Python Automation Testing with Selenium web driver for initial 3 months and got deployed at QuEST Global India (P) Ltd for next 48 months under similar Roles and Responsibilities and then served in allotted projects until the successful completion of the projects.

PROJECT EXPERIENCE:

PROJECT 1: BUILDING TEST AUTOMATION FRAMEWORK USING SELENIUM AND TESTNG

PROJECT OVERVIEW:

Selenium is one of the most widely used functional UI automation testing tools and TestNG is a brilliant testing framework. Test automation frameworks are a set of guidelines or rules to writing test cases. They can reduce maintenance costs and testing efforts and will provide a higher return on investment (ROI) for teams looking to optimize their processes.

PROJECT TASKS:

In this project we have followed the Testing guidelines which include coding standards, test-data management, defining object repositories, reporting guidelines, and logging strategies. The major focus of the project is on writing reusable and structure code which is easy to maintain and understand, creating helper classes or utilities, write effective test cases, and generating reports and logs.

The following tasks are carried out during the project in phases:

TASK 1: Understanding Test Automation Framework and creating a directory structure

TASK 2: Creating an automation layer and writing a generic method to invoke a browser and navigate to a URL

TASK 3: Writing wrapper methods to perform user actions

TASK 4: Creating an application layer - using POM or Page Factory as a design pattern

TASK 5: Adding a logic to the application layer

TASK 6: Writing the Test cases in test layer

TASK 7: Executing test cases via TestNG XML file

TASK 8: Reading configuration from config.properties

TASK 9: Generating logs and reports using Extent report

TASK 10: Adding screen shots to the failed test cases and the reports

PROJECT 2: PYTHON DATABASE CONNECTION AND OPERATIONS IN MARIADB

PROJECT OVERVIEW:

A major financial firm acquires high labours and time costs for manual database management and to improve the business the firm has decided to move towards automation. The task is to create a python script which connects to the database server, which the company uses to store all its data.

PROJECT TASKS:

Automating the routine tasks to connecting to database with less efforts.

Automate daily routine tasks on a database to carry out various operations with less efforts. This project, is aimed towards to create scripts in Python to perform various database operations like CREATE, READ, UPDATE and DELETE in a Maria DB server.

TASK 1: Installation and Verification of Python Interpreter in Linux Ubuntu Environment

TASK 2: Installation and Configuration of Maria DB Database Server

TASK 3: Creating a Python Script

TASK 4: Establishing Connection to Maria DB Database Server

TASK 5: Add data to the tables using a Python Script

TASK 6: Fetch and read records in the database using a Python Script

TASK 7: Update and Delete records from the tables using a Python Script

EDUCATIONAL INSTITUTIONS EXPERIENCE

1.	KLM College of Engineering, A.P	| Asst. Professor	| Oct 2008 – Aug 2009
2.	Vasavi College of Engineering, Hyderabad	| Research Associate	|Sep 2010 – Aug 2011
3.	Sri Venkateswara University, Tirupati	| Research Engineer	| Aug 2011– Jun 2012
4.	Vardhaman College of Engineering, Hyderabad	| Asst. Professor	|Jun 2012 – Aug 2013
5.	Anurag College of Engineering, Hyderabad	| Asst. Professor	|Aug 2013 – Apr 2015

I started my career as Assistant Professor in Engineering Institution's after my Masers Degree, and further got selected in NIELIT Calicut a professional organisation imparting training in R&D, where I got trained in Core Embedded Domain. Further served several reputed Educational Institution's for next 5 years before migrating to Industrial Domain because of keen interest in the field.

PERSONAL DETAILS

Date of Birth   :   03/10/1981

Passport No.   :   L4710164-Jan 2022

Languages Known   :   English, Hindi, Telugu, Kannada, and Marathi