✉ shrabani@gmail.com

📞 . (978)503-9523

Shrabani Bhowmick

Summary

Accomplished Automation Test Engineer with over 12+ years of experience in manual and automated testing of Enterprise scale applications. Looking to take advantage of my skills in Python, Robot Framework and web development to leverage my passion for software development.

Highlights

- *3+ years of experience with Python and Robot Framework*
- *12+ years of experience in manual and automated testing, including designing, creating, maintaining and reviewing test plans*
- *Hands on experience with exploratory, regression, API (SOAP and REST) and database (Mongo) testing*
- *Have experience working with web technologies, including HTML5, JavaScript, CSS, Bootstrap and jQuery*
- *Strong understanding of STLC, SDLC and Agile methodologies*
- *Skilled at learning new concepts quickly and working well under pressure*
- *Excellent interpersonal and communication skills*
- *Strong time management skills with experience in handling multiple priorities simultaneously*

Skills Overview

- Testing Tools: Robot Framework, Renorex, Selenium
- Languages: Python (Python Entry Level Certified)
- API Testing: Postman, SoapUI, Insomnia
- Web Development: HTML5, JavaScript, jQuery, Bootstrap, CSS
- Database: Mongo, Oracle
- Database Editors: Toad, Compass, NoSql Manager
- Cloud Tools: Amazon S3, Cyberduck
- Other Tools: GitHub, SourceTree, Jira, Jenkins, Splunk
- IDE: Visual Studio Code, PyCharm
- Design Tools: MS Visio, LucidChart

Experience

Senior Automation Test Engineer

Bosch Security, Feb 2022 – Present

- Developed Automated Tests using Python based Robot Framework.
- Created Robot keywords based on python scripts developed to access REST API classes.
- Used Insomnia to complete API testings as and when required
- Collaborated with team members to create successful automated tests.
- Used Jenkins to run and debug tests.
- Mentored junior testers and onboarded new testers.

Senior Automation Test Engineer

Paychex, Inc., Mar 2010 – Dec 2021

Tax (Senior Automation Test Engineer)
- Created and executed automated test scripts using Robot Framework and Python
- Used Postman and Swagger UI for service / API testing
- Used Splunk for debugging purpose
- Worked with Mongo to create, update collections for testing purpose. Used NoSql Manager and Compass to access Mongo.
- Executed exploratory and regression testing on regular basis.
- Collaborate with product owner and developers to design and create test plans and test scripts.
- Mentor junior and new testers

Payroll (Automation Test Engineer)
- Used Selenium for automated testing of the Web based application.
- Used Renorex for automated testing of Java Swing application.
- Used SoapUI for SOAP API Testing
- Worked with Oracle and Toad to create data setups for automated scripts and to debug the automated scripts, if needed.
- Used Cyberduck to work with Amazon S3
- Collaborate with product owner and developer(s) to design and create test plans and test scripts.
- Review and optimize test scripts created by other testers
- Manual testing of various Flash and HTML5 web application(s) as part of sanity and regression testing

Personal Projects
2015 – Current

Personal Blog (mypenmymind.com)

Created a personal blog sharing my thoughts and ideas about life experiences I gained over the years.
This website is developed using HTML5, CSS and Bootstrap 5, using some external libraries too. Some of the features used in this site are pop up modals, cards, carousels, jumbotrons.

Personal Resume (shrabani.me**)**

This website showcases the extensive usage of HTML5, CSS and Bootstrap. Scrolling through sections – with ability to select sections, nav bars, download features, divs are some of the features used along with many more dynamic components from Bootstrap.

Python sample application (Virtual Coffee Machine in Python)

The application is a virtual replica of a physical coffee vending machine, which renders coffee as per choice, takes in money, returns changes, gives revenue report and inventory status at any point. Error handling is also covered by returning money if insufficient money is deposited or inventory is low. It can also be switched off (all functions end).

The Readme file gives a sample of the output and the necessary installation instructions required to run the application locally. The main python file gives a demonstration of use of Python class, objects, methods and functions.

Education

- Bachelors' Degree with Major in Physics from Kolkata University, India
- Associate Degree in Computer Science from Monroe Community College, Rochester
- Completed first level of Testing Certification from IIST
- Python Entry Level Certified. Verify
- Pursuing Google Career Certification on Python

Achievements

- Recipient of the Exemplary Student Award from Monroe Community College, Rochester
- Enlisted twice in the Dean's List for Monroe Community College, Rochester
- Received membership of Phi Theta Kappa Honor Society for academic achievements