

Shrabani Bhowmick

Summary

Accomplished automation Test Engineer with over 11+ years of experience in manual and automated testing looking to take advantage of my skills in web development, Python, MongoDB and Robot Framework to leverage my passion for software development.

Highlights

- 11+ years of experience in manual and automated software testing, including creating and reviewing test plans
- 3+ years of experience working with web development technologies, including HTML5, JavaScript, CSS, Bootstrap and jQuery
- 1+ year of experience working with Python, Robot Framework and MongoDB
- 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

- Web Development: HTML5, JavaScript, jQuery, Bootstrap, CSS
- Languages: Python
- Testing Tools: Robot Framework, Renorex, Selenium
- API Testing: Postman, SoapUI
- Debug Tools: Splunk
- Database: Mongo, Oracle
- Database Editors: Toad, Compass, NoSql Manager
- Cloud Tools: Amazon S3, Cyberduck
- Version Control System: GitHub, SourceTree
- Issue Tracking: Jira
- IDE: Visual Studio Code, PyCharm
- Design Tools: MS Visio, LucidChart

Experience

Senior Automation Test Engineer

Paychex, Inc., Mar 2010 – Dec 2021

Tax (Senior Automation and Manual 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.
- Used Cyberduck to work with Amazon S3

- Collaborate with product owner and developers to design and create test plans and test scripts.
- Mentor junior and new testers

Payroll (Automation Test Engineer)

- 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
- For the automated part of the testing, used Selenium and Renorex, as needed.
- Used SoapUI for 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.
- Did manual testing of a Java Swing based desktop application

Data Entry Operator

United States Department of Veteran Affairs, Apr 2008- Aug 2008

Did online Data Indexing for their medical records.

Substitute Teacher

Webster School District, Sep 2006 – Sep 2008

Worked as Substitute Teacher for Elementary and Middle Schools in this district.

Teller/Junior Officer

American Express Bank Ltd, India, 1992 – 2000

Worked in Customer Service, Teller, Foreign Exchange and Trade Finance Department(s).

Personal Projects

2015 – Current

- <https://mypenmymind.com/>

The website is mainly about some deep thoughts and ideas of mankind.

This website is mainly 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, etc.

- <https://shrabani.me>

This website also uses HTML5, CSS and Bootstrap extensively. 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.

- <https://github.com/shrabanib/coffeeMachine>

This repository contains all the files necessary to run a virtual coffee machine.

This package is written in Python. The Readme file gives a sample of the output and the necessary installation needed to run the app 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. [Click to verify](#)
- Pursuing Google Career Certification on Python
- Completed advanced Access training, including VBA scripting

Achievements

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