**Jaber Ali**

**QA Engineer**

**United Bank, Hartford, CT**

**Contact**: 631-992-4128

**Email**: **jaber2024@gmail.com**

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| **PROFESSIONAL SUMMARY** |

Professional **QA Automation Engineer** with full **Software Development Life Cycle (SDLC)** experience, including designing, developing, and implementing test plans, test cases and test processes:

* Developed **Test Plan** and **Test Cases** from various documents – **User Story, Use Case**, **Functional Requirement Document (FRD), and Design document.**
* Organized **Test Cases** in central repository and Generated **Test Data** from various sources & techniques – business requirement, production database, boundary, equivalence, control flow

**Over 6+ years** of **Hands-on Quality Assurance** experience as **QA Automation Engineering** in **e-commerce, Financial** and **Healthcare** Industries**.**

* Extensive experience in executing test cases, **ad-hoc** product testing**,** reporting bugs and reporting tester status, writing test scripts, test automation using diverse testing tools like **Selenium WebDriver, & Postman**
* Experienced in **Integration Testing**, **API Testing**, **Functional Testing**, **Regression Testing**, and **User Acceptance Testing.**
* Expert in **developing**, **debugging**, **troubleshooting, resolving issue** in development, integration, test, and production environment**.**
* Designed, developed and updated a lot of automation frameworks –**API** using **Requests library.**
* Expert in **ALM** design specific to **Quality Center (QC)** for Testing and Defect Tracking
* Proficient in **Python, Pytest, Selenium WebDriver, Cucumber, Gherkins, SQL, Openpyxl, Html Report, Allure Report.**
* Methodical in process automation of **Continuous Integration/Continuous Deployment** by **Jenkins** tools.
* Hands on Experience in developing **Behave framework**, framework following **Page Object Model (POM) design pattern** for **Selenium** based Test Automation Framework
* Experienced in using Version Control System **Git & GitHub**
* Experienced in designing the **Behave framework** and **Hybrid framework**. **Backed by strong credentials**,
* I have worked with cross-functional teams and possess cross-platform skills in **UNIX**, **Linux**, **Windows,** and Cloud Computing
* Motivated myself to adapt and learn new tools, techniques, and approaches.
* Handled multiple tasks and worked independently as well as in a team under **tight deadline**.
* Excellent Interpersonal, communication and presentation skills.

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| **TECHNICAL SKILLS** |

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| * **Testing Tools** | Selenium WebDriver, WebDriver, Selenium Grid, Pytest, Behave**,** Cucumber Gherkins, Postman, Openpyxl, Allure Report, Requests. |
| * **Methodology** | Agile Scrum, Waterfall, STLC, |
| * **RDBMS** | MySQL, Oracle, SQL Server |
| * **Operating Systems** | Windows, MAC OS, Linux, UNIX |
| * **Languages** | Python, JavaScript, SQL, PL/SQL, BASH |
| * **Test Management** | HP ALM / Quality Center, JIRA |
| * **Version Control** | Git, GitHub |
| * **Markup, Style and Framework** | HTML, CSS, Bootstrap, Tailwind CSS and DaisyUI |
| * **Others** | PyCharm, Pytest, Behave (BDD), Requests |

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| **PROFESSIONAL EXPERIENCE** |

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| **United Bank, Hartford, CT April 2021- Present**  QA Engineer |

**Project Description:** United Bank’s commercial products are designed to be convenient, improve the cash flow and are tailored to meet the needs of client business. United bank provides client to manage account information like account opening, summaries, account details, monthly statements, balance transfers, accrued interest, check ordering, loan application to apply credit cards, and other financial services.

## Responsibilities:

* Developed test cases with test data and reviewed test cases with Product Owner & Developer.
* Modified and maintained the existing test cases and scripts to leverage the automation team effort during the regression testing.
* Maintained a **Behavior Driven Development (BDD) framework using Python**, the **Behave framework**, **Selenium WebDriver**, and **Pytest** for automation code. The BDD scenarios were written in the **Gherkin language**. Additionally, version control was managed using **Git** and **GitHub** to ensure code integrity for future releases and new feature development.,
* Resolved a continuous integration (CI) server issue by maintaining and updating the automation script. Established a **hook script** to establish connections with **Pytest** for test execution and reporting, **Jenkins for CI/CD** processes, as well as **Git** and **GitHub** for version control and code repository management.
* Performed Functional, Regression & **User Acceptance testing (AUT)**.
* Managed resource reviewed daily/weekly/end of sprint test status reports with **agile team**.
* Utilized **Postman** for manual **API testing and** created automation **scripts** for API testing using **Python** with tools such as **requests**, **pytest**, and other libraries within the Python ecosystem.
* Communicated requirements **traceability matrix** and tracked requirements status throughout the project.
* Managed the test cases in Quality Center and mapped to the requirements and ensured proper **test coverage**.
* Managed multiple projects in **Quality Center** to manage the test cases, test scripts, test results and defects for all phases of QA process.
* Validated the test results by writing **SQL queries** to retrieve the data from tables and database.

**Environment:** Python, Selenium WebDriver, Behave, API, Postman, Git, SQL

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| **Carpet-Culture, NY Nov 2018-Feb 2021**  QA Tester |

## Project Description: Carpet-culture is a web-based International Regulatory E-commerce business tool. Carpet-culture Business Architect is a global regulatory database, which enables the planning and tracking of investigational and marketing regulatory information. The project is used by users worldwide to buy or sell various products. The user can track the products submissions and reports.

## Responsibilities:

* Participated in **analyzing** the user/business requirements, functional specifications and use case documents to create the **Test Plans** and **Test cases** for **System testing.**
* Involved in analyzing **Requirements**, **System Specifications**, **Use-Cases and Technical** specifications.
* Verified the **integration** of various components in the application and executed **end-to-end** **testing.**
* Involved in **Integration**, **Functional**, **Regression**, **UAT** and **End-to-End testing.**
* Performed **Test Execution** and **defect logging** and tracking **using JIRA.**  
  Written basic queries for Data validation in SQL statements.
* Wrote test case automation scripts using Python and the **pytest framework.**
* Used **Selenium Actions class** to handle mouse movements and **hover-over** actions on **Web Elements.**
* Used **Firebug** to identify the object's ids, Name, **XPath,** links in the application.  
  Wrote **Selenium** **script** for **taking a screenshot**
* Implemented **Continuous Integration** of automation framework using **Jenkins.**  
  Performed **regression** testing on new build, every modification in the application using **WebDriver.**
* Facilitated enhancement and maintained the current **Test Environment** in **PyCharm** using **Python.**  
  **Enhanced regression test cases** to implement complex testing scenarios, increased permeations of **functionality testing**, and increased code coverage using **Selenium WebDriver.**
* Utilized **Python** as the client library for **Selenium WebDriver** and developed an Automation Framework using **pytest**.
* Identified **UI** changes and their potential impacts on existing **tests.**
* Tested compatibility of application/site with **Chrome, Firefox, Edge.**
* Participated in **Daily Scrum meeting,** **Stand-up meeting, walkthrough meeting, weekly assessment meetings with business analysts and developers.**
* Automated API response code, **GET**, **POST**, **PUT**, and **DELETE** **requests** using the **Requests** library in **Python**.

**Environment**: Python, Selenium, Pytest, QC, Requests, SQL, Oracle, JIRA, GitHub.

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| **ING Direct, New York City, NY July 2016 - Oct 2018**  QA Analyst |

**Project Description:** Financial institution or corporate execute numerous payments every day. The goal of the Payment factory (PAF) project is simplifying the numberof these transactions will save time and money. ING PAF makes making payments a lot simpler for business clients. Our main focus on this project was to optimize liquidity management, achieve uniformity in distribution channels, file formats and standards, reduce duplication of treasury IT systems and increase efficiency and cost effectiveness by reducing manual interventions.

**Responsibilities:**

* Created & Prioritized Test cases and Test data for manual & automation testing.
* Coordinated review sessions to review test cases with Product Owner & Developers.
* Developed a Hybrid Framework from scratch using **Python, Selenium WebDriver**, **pytest**, and incorporating **Data Driven Development (DDD)** and **Page Object Model (POM)** methodologies."
* Performed **API testing** using **Postman** & send data into **JSON format**, get response and analyzed the issue.
* Developed automation test scripts using **Python** with **Selenium** **WebDriver**, **pytest**, and a reusable functional library. Additionally, I maintained **version** control using **Git** repositories to track improvements and incorporate new features over time.
* Managed the automation test scripts for **Functional and Regression Testing**.
* Participated to write scripts for unit testing before integrated to the source repository.
* Participated to write scripts for build, deployment, and maintenance in **CI-CD** pipeline using related tools and tasks – **Shell, Git, Jenkins.**
* Executed automation scripts parallel on different browsers/environments & reported defects/results to the team soon.
* Performed Back end testing with extensive use of **SQL Queries & Shell scripting.**
* Managed requirements, test case and test scripts for legacy system by **HP ALM.**
* Used **Quality Center** **(QC)** bug tracking tool to report application bugs.

**Environment:** Python, Pytest Selenium, Jenkins, Postman, SQL, PL/SQL, Oracle, Windows, HP ALM,

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| **EDUCATION** |

* **BSc in Computer Science & Engineering from University of Development Alternative**