**Aravindraj B**

**QA Engineer**

**PROFESSIONAL SUMMARY:**

* Dedicated and detail-oriented QA Tester with one year of experience in ensuring the quality and functionality of software applications.
* Proficient in designing and executing test cases, identifying defects, and collaborating with cross-functional teams to resolve issues.
* A dedicated individual with knowledge in Data Science workflows.
* Proficient in using VS code IDE, Eclipse IDE and Databricks Notebook’s for analysis.
* Proficient in MSSQL, Python.
* Able to write complex SQL queries.
* Good Knowledge in Pyspark Data structures and SQL Module’s.

**SOFTWARE SKILLS:**

* Programming Language: Core Java, Python
* Tools : Selenium Grid, Selenium WebDriver, Playwright
* Management Tool : JIRA - 3.141.5
* Frameworks : POM, Junit, TestNG, Cucumber
* Build Tool : Maven
* Data base : MSSQL

**PROJECTS:**

Project Name :  **Botminds - CA Bookmarking, CA Extraction July 2023 - Present**

Company : Promantus Inc, Chennai

Product : Botminds AI

Tools : Playwright

**ROLES AND RESPONSIBILITIES:**

* **Automation Test Case Writing with Playwright TypeScript:**

1. Develop and maintain automated test scripts using Playwright TypeScript to validate the functionality, performance, and reliability of the software.
2. Collaborate with developers and other team members to understand requirements and translate them into automated test scenarios.

* **Manual Test Case Creation:**

1. Design and document manual test cases based on project requirements, user stories, and acceptance criteria.
2. Create test scenarios that cover both positive and negative scenarios to validate the application's behaviour.
3. Review and refine test cases to ensure clarity, completeness, and accuracy.

* **Manual Testing of Botminds Portal:**

1. Execute manual test cases to verify the functionality, usability, and compatibility of the Botminds portal.

* **Bug Management in Azure:**

1. Log defects and issues discovered during testing using Azure DevOps or any other bug tracking system adopted by the team.
2. Provide detailed descriptions of the reported issues, including steps to reproduce, expected behaviour, and actual behaviour.

* **Bug Testing and Verification:**

1. Validate fixes for reported defects by retesting the affected functionality.
2. Verify that the resolved bugs meet the acceptance criteria and do not introduce regressions.

* **Regression Testing:**

1. Conduct regression testing to ensure that new features or changes to the software do not adversely affect existing functionality.

Project Name : **Botminds Consolidate Analytics Extraction Jan 2022 - Jun 2023**

Company : Promantus Inc, Chennai

Tools : Botminds AI   
  
**ROLES AND RESPONSIBILITIES:**

* **Annotation:** Annotate and label data to create training datasets. This step is crucial for supervised learning models.
* **Model Training:** Train machine learning models using the prepared data. This includes selecting appropriate algorithms, and model training.
* **Evaluation:** Assess the performance of trained models using relevant metrics. Compare the models and iterate on training if necessary.
* **Documentation:** Maintain documentation for datasets, annotations, and models. This is crucial for reproducibility.
* Assigned tasks and responsibilities based on team members' skills and strengths.
* Identify bugs, and devise solutions to these problems.
* Fostered team cohesion, promoting collaboration and a positive work culture.

**Project Name: AUTOMATION PRACTICE (E-COMMERCE)**

**DESCRIPTION:**

* Testing from E-commerce (Automation Practice) website to test the Functionalities. Designing the test cases to do manually and by automation using Selenium Grid Tool to purchase products from varies functionalities and using, additional frameworks of TestNG, Cucumber, and Data Driven Frameworks

**ROLES AND RESPONSIBILITIES:**

* Understanding the Requirements and Functional Specifications of the Project.
* Identified Test Scenario Selenium required for testing.
* Participated in designing the Test cases.
* Prepared and Executed Test Cases as per System Requirements.
* Worked using page object model with Junit, TestNG and data driven for Ul automation.
* Defect Reporting and Tracking using JIRA. Extensively performed Manual Testing process to ensure the quality of the software.

**Technology:**

**Java, Selenium, POM, Junit, TestNG, Data Driven, Cucumber**

**CERTIFICATIONS:**

* Automation Practice (E-Commerce)
* **BOTMINDS AI Solution Developer** Level 1- Foundation

**EDUCATION:**

* Bachelor of Engineering in Mechanical 2018 - 2022 (8.59 CGPA with First Class)