EARLBERT M. MERCADO

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QA AUTOMATION ENGINEER

QA Automation Engineer with 3 years of experience designing, implementing, and maintaining automated testing frameworks for API and web applications.

TECHNICAL SKILLS

- **API Testing**
  - ReadyAPI
  - Postman
  - RestAssured
- **Web Testing**
  - Playwright
  - Selenium
  - Katalon Studio
- **CI/CD & Version Control**
  - Jenkins
  - Git
  - GitHub
- **Programming Languages**
  - Java
  - Groovy
  - Basic SQL

PROFESSIONAL EXPERIENCE

QA/TEST ANALYST   July 2023 - Present
Royal Caribbean Group   Makati City, Metro Manila

- Design, developed, and maintained test automation scripts for REST and SOAP web services supporting high-traffic systems.
- Improved the reliability of existing API functional test scripts through comprehensive validation checks and fixing failure points.
- Reduced maintenance effort for cruise booking API test scripts by replacing static test data with Java Database Connectivity and SQL queries.
- Enhanced and maintained existing automated testing pipeline in Jenkins for company's payment gateway services.
- Worked closely with backend developers to align testing efforts with API design and system architecture.
- Contributed to the development of automated web UI testing of a payment gateway web utility.

SOFTWARE TEST ENGINEER   September 2022 - July 2023
Toshiba   Biñan City, Laguna

- Evaluated a command line interface and browser-based application used to manage high-capacity enterprise Hard Disk Drives' behavior.
- Modified and maintained existing automation scripts for regression and functional testing of the application's command line interface written in Python.
- Assisted in the development of the UI automation test scripts for the browser interface of the application, using Python and Selenium.

PROJECTS

PLAYWRIGHT SAUCEDEMO AUTOMATION FRAMEWORK
https://github.com/earlbertmercado/playwright-saucedemo-java

- A scalable Playwright-Java automation framework, leveraging Page Object Model Design Pattern for easier maintenance, reliable execution, and detailed test reporting.

RESTASSURED PETSTORE AUTOMATION FRAMEWORK
https://github.com/earlbertmercado/restassured-petstore

- A data-driven API test automation framework built with RestAssured and integrated with Docker and Jenkins for reliable CI execution, reporting, and logging.

EDUCATIONAL BACKGROUND

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING   August 2018 - August 2022
Batangas State University   Batangas City, Batangas