

# EARLBERT M. MERCADO

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## SOFTWARE QA/TEST ANALYST

Software QA/Test Analyst 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

Royal Caribbean Group

July 2023 - Present

Makati City, Metro Manila

- Built and maintained automation for REST and SOAP web services supporting high-volume transactional systems.
- Worked closely with backend developers to align testing efforts with API design and system architecture.
- Improved the reliability of existing API functional test scripts through comprehensive validation checks and fixing failure points.
- Significantly enhanced the maintainability of 1,000+ cruise reservation API services test cases by implementing dynamic test data generation.
- Contributed to the development of automated web UI testing of a payment gateway web utility.

#### SOFTWARE TEST ENGINEER

Toshiba

September 2022 - July 2023

Biñan City, Laguna

- Evaluated a command line interface and browser-based application used to manage enterprise Hard Disk Drives' behavior.
- Modified and maintained existing Python automation scripts for regression and functional testing of the application's command line interface.
- Assisted in the development of the UI automation test scripts for the browser interface of the application, using Python and Selenium.
- Performed regression testing cycles and managed test environments to ensure stability and readiness for deployments.

### 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 scalable, maintainable, data-driven test automation framework for the Swagger PetStore API with integrated logging and reporting.

### EDUCATIONAL BACKGROUND

#### BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Batangas State University

August 2018 - August 2022

Batangas City, Batangas