

JOHANNE ELLISE R. PAG-ONG

Marikina City, NCR, Philippines | +639178389161 | ellise.pagong@gmail.com | [LinkedIn](#)

TECHNICAL SKILLS

Programming Languages: Java, Python, C++
Front-End Development: HTML, CSS, JavaScript
Databases: MySQL, JDBC, PostgreSQL

Testing: Selenium, Cucumber/Gherkin, JUnit
Tools: Jira, Git Version Control, GitHub Actions

PROJECTS

Software QA Collection | [GitHub](#)

August 2025 - Present

Personal Project

- Developing a collection of repositories of automated QA test suites across multiple frameworks and dummy platforms
- Built CI/CD-integrated infrastructure for execution, reporting, and on-completion screenshots.
- Implemented UI test automation for SauceDemo using Selenium, Cucumber, JUnit 4, and GitHub Actions.
- Currently expanding to UI + API testing of the Contact List App using Robot Framework in Python.

Template Calendar | [GitHub](#)

April 2025 - Present

Personal Project

Tools & APIs: Java, Spring Boot, PostgreSQL, HTML, CSS, JavaScript

- Long-term personal project for continuous learning in full-stack development.
- Designed a flexible calendar that replaces rigid recurring events with reusable drag-and-drop task templates, ensuring frictionless schedule management.
- Built backend REST API with Spring Boot, Hibernate, and PostgreSQL to manage template storage and scheduling logic.
- Developed a modular ES6-based frontend for dynamic rendering of templates and seamless task reassignment.

Obstacle Detection Vest for the Visually Impaired | [GitHub](#)

April 2025

Bachelor's Thesis

Tools & APIs: Python, Kotlin, PyTorch, TensorFlow, Arduino

- Designed a smart vest equipped with microcontrollers, haptic motors, and an AI stereo camera
- Led the development of a machine learning model, achieving an accuracy of 73% and mAP% of 56 on a limited dataset
- Developed a mobile application to communicate with the vest and provide auditory feedback
- Optimized bluetooth communication between the vest and application, reaching an input-to-feedback time under 500 ms.

PROFESSIONAL EXPERIENCE

Software Quality Assurance Intern

May 2024 - Aug 2024

Asurion Hong Kong Ltd. - ROHQ

Bonifacio Global City, Taguig

- Scripted and maintained tests using Selenium for Java, integrated into the CI/CD pipeline with GitHub Actions.
- Updated and automated 140+ test cases to ensure reliability and coverage during regression testing.
- Collaborated in an agile QA team with weekly scrums, working closely with developers and DevOps.
- Recognized in performance evaluation for independence, resourcefulness, technical skills, and quick learning.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Engineering

June 2025

De La Salle University, Manila

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Database Management, Software Design

EF SET English Certificate (C2 Proficient)

July 2025

EF Education First | [EF-SET](#)

AWS Certified Cloud Practitioner

In Progress

Amazon Web Services