



# NGUYEN NGUYET

Tester Engineer

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## EDUCATION

### THUY LOI UNIVERSITY

Information Technology

GPA: 3.41

## TECHNICAL SKILLS

- Manual & Automation Testing: Expertise in manual testing and automated testing using Selenium to ensure comprehensive quality assurance across the development lifecycle.
- Automation Tools: Proficient in Selenium and Playwright for test automation, along with Postman for API testing, enhancing test coverage and efficiency.
- Data Validation: Skilled in analyzing and validating production data to support testing and automation processes.
- Programming: Proficient in Python for scripting test cases and JavaScript for web-based testing.
- Databases: Knowledge of MySQL for database testing and query validation.

## LANGUAGE

English- Toeic 680

## About Me

I am a dedicated QA Tester with a strong background in manual and automated testing, software quality assurance, and bug analysis. I specialize in ensuring game functionality and performance through rigorous testing methods and detailed reporting. My goal is to contribute to the game development process by identifying and fixing issues to improve the user experience, reduce errors, and optimize gameplay performance.

## EXPERIENCE

### Process Engineer Intern – Procter & Gamble Company (P&G) - (2025)

- Supported plant operations and quality control by implementing AI/ML-based solutions and standard operating procedures (SOPs).
- Assisted in data analysis to monitor production performance metrics and provided actionable insights for process improvement.

## PROJECT

### Raspberry Pi-based Loyal Customer Management System – Sep 2024

- Developed a YOLOv8 model for detecting defects in bottle packaging during production. Integrated real-time detection and alert systems to minimize defects.
- Technologies: Raspberry Pi, Python, TensorFlow, OpenCV
- Git: <https://github.com/munmimory/Raspberry-Pi-project-for-managing-loyal-customers>

### YOLOv8-based Fire & Smoke Recognition System – Jan 2025

- Developed an intelligent system to automatically detect smoke and fire using YOLOv8 for real-time hazard recognition. Implemented automated alerting mechanisms to enhance safety monitoring and reduce response time.
- Technologies: Python, YOLOv8, OpenCV, Flask, Raspberry Pi
- Git: <https://github.com/munmimory/YOLOv8-based-Fire-Smoke-Recognition-System>

### Design and Development of an Intelligent Human Resource Management System on Raspberry Pi Using Python – June 2025

- Developed an HRMS on Raspberry Pi, enabling employee tracking, attendance management, and task automation. Used Python to integrate machine learning models for performance analysis.
- Technologies: Raspberry Pi, Python, Flask, OpenCV, TensorFlow
- Git: <https://github.com/munmimory/Design-and-Development-of-an-Intelligent-Human-Resource-Management-System-on-Raspberry-Pi>