

NIKKO PUNO

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<https://nifiagu.github.io/NikkoWeb>

OBJECTIVE

To gain valuable hands-on experience and apply my technical knowledge in a real-world environment through an internship in the field of mechatronics, automation, or embedded systems. I aim to contribute to a forward-thinking company while continuing to grow professionally and technically.

EDUCATION

Bachelor of Science in Mechatronics	ICT (Information and Communication Technology)
Cebu Technological University – Danao Campus	Carmen, National High School
2022 - 2026	2020 – 2022

TECHNICAL SKILLS

- Microcontroller Programming: ESP8266, Arduino
 - Sensor Integration: Ultrasonic, DHT22
 - Web Interface Design: HTML, CSS (basic)
 - Automation & Control: Basic PLC Programming, Troubleshooting
 - Electronics: Circuit Design, Wiring, System Troubleshooting
 - IoT & Embedded Systems: Familiar with Real-Time Applications
 - Programming Languages: Beginner-level C++
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TOOLS & SOFTWARE

- Arduino IDE
 - Visual Studio Code
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PROJECTS

ESP8266 Web Server for Sensor Monitoring

Designed a two-page real-time web interface using ESP8266 to monitor ultrasonic sensor distance and control ON/OFF devices. Integrated interactive buttons, status indicators, and glowing text effects using HTML and CSS.

Miniaturized Packaging Model (Research Project)

Collaborative thesis project utilizing PLC programming to develop and simulate a small-scale automated packaging system. Aimed at serving as an educational tool to enhance students' and instructors' skills in automation and troubleshooting.

On-the-Job Training Requirement:

A total of 1,800 hours of supervised industry training required for program completion.

REFERENCE

John Loie Mata
Instructor
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