# Reiner Gabrielle R. Valdez

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Sta Rosa City, Laguna.

## EDUCATION

**Mapua Malayan Colleges Laguna**                                                  **Expected: October 2025**
*B.S, Information Technology*                                                                      *Cabuyao, Laguna*
- Consistent Dean's Lister
- **Relevant Coursework:** Web & Mobile App Development, Database Management; Embedded System, IoT.

**Mapua Malayan Colleges Laguna**                                                              **2019 - 2021**
*Senior High - Information Communication Technology*                                          *Cabuyao, Laguna*
- Graduated with Principal's List for Academic Excellence Award
- **Relevant Coursework:** Mobile Android Development, Adobe Photoshop, Animate, Illustration

## EXPERIENCE

**iNeed Solutions Inc.**                                                                   **April – July 2025**
*Practicum Intern/Junior Software Engineer*                                          *Makati City, Philippines*
- Intern at iNeed Solutions Inc., completing approximately 486 hours.
- Focused on developing, debugging, designing, and writing clean, maintainable code.

## PROJECTS

**Air Quality Monitoring System**                                                       **January - July 2025**
*Member – Front-end Developer*
- Designed a responsive website to display real-time logging system for tracking and analysis using Visual Studio Code (HTML, CSS, JavaScript) and PHP Script.
- An IoT-based Air Quality Monitoring System using MQ Sensors and ESP32 to detect gases together with Arduino IDE for programming.

**Smart access control and Monitoring System**                                      **June 2024 – July 2024**
*Member – Mobile App Developer*
- Developed a Mobile Application to assist in controlling the Lights and sensors, additionally it displays and store all data entries with Xamarin Android Studio in Visual Studio 2022(XML, C#) and PHP Script.
- Implements a system in an establishment that can be accessed only by authenticated and authorized people using RFID sensor, LED and Buzzer.

**Light Motion Sensor**                                                          **February 2024 – March 2024**
*Member – Web Developer*
- Designed website to assist in controlling the lights manually and displaying logs and counters for alarm using Visual Studio 2022(Asp.net Framework, C#) and PHP Script.
- A system that helps in illuminating areas manually or automatically and records each time it detects a change in light levels with Light Detection Resistor, Wemos D1 board, LED, and Buzzer.

## VOLUNTEERING

**CALABARZON: IT Cybersecurity Caravan – Equipment Committee**                              **June 2024**
- Voluntary assistance on technical parts of the event. Assisted with the management of online call in Zoom and Manage Speaker's document.

## CERTIFICATE, SKILLS & INTERESTS

- **Certificate:** CompTIA IT Fundamentals (ITF+) Certification
- **Languages:** HTML, CSS, JavaScript, C#, PHP, XML (Familiar), Python (Familiar), C (Familiar), Java (Familiar)
- **Framework/Libraries:** Asp.net, Leaflet, Chart.js, Swiper
- **Database Management:** MySQL, SQL Server (Familiar)
- **Software Tools:** Visual Studio 2022, Visual Studio Code, Figma
- **Soft Skills:** Strong Problem-Solving, Effective Communication, Team Collaboration, Adaptability, Time Management, Learning Dedication
- **Interests:** Reading; Drawing/Sketching; Movies/Series; Playing Casual, Mystery or Puzzle Games.