Reiner Gabrielle R. Valdez

2021rgvaldez@live.mcl.edu.ph | (+63)919-600-7012

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 and Mobile App Development, Database Management; Embedded System, Microcontrollers and IoT devices.

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

Jesus The Exalted Name   **2015 - 2019**

High School   *Sta. Rosa, Laguna*

- Recognized and Graduated with Honors
- Achieved 1st: Computer Achievement Test (S.Y. 2015-2016) and 2nd: Computer Achievement Test (S.Y. 2017-2018)

PROJECTS

Air Quality Monitoring System   **January 2025 - Present**

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, Bootstrap, 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.