

# Jhon Michael E. Andaya

## Aspiring Software Developer



☎ 0949-132-6197 | ✉ jmeandaya@gmail.com | 📍 Calamba City, Laguna , 4027

🌐 www.linkedin.com/in/jmeandaya | 🌐 https://andaya-jm-eportfolio.vercel.app/

## EDUCATION

### Mapúa Malayan Colleges Laguna

Bachelor of Science in Information Technology

Aug 2020 - Jul 2025

Dean's Lister:

- A.Y. 2021 - 2022 (2<sup>nd</sup> Term)
- A.Y. 2022 - 2023 (1<sup>st</sup> Term - 3<sup>rd</sup> Term)
- A.Y. 2023 - 2024 (2<sup>nd</sup> Term)

### Mapúa Malayan Colleges Laguna

Senior High School - STEM (Science, Technology, Engineering, and Mathematics)

Jul 2018 - Jul 2020

## WORK EXPERIENCE

### Distribution Solutions Philippines (DISTRIPHIL)

Apr 2024 - Jul 2024 (486 Hours)

Software Development Intern

- Developed a VBA Excel-based barcode printing system that integrated with a third-party barcode API to generate barcodes and automatically print barcode on a portable sticker printer.
- Designed and deployed a Digital Return Slip Form system with barcode scanner integration, replacing manual paper-based processes and significantly reducing return processing errors.
- Developed a Digital Product Arrival Report System that combined barcode scanning with vehicle information logging, ensuring accurate delivery records, reducing manual encoding, and improving warehouse compliance.

## PROJECTS

### Room Signage using E-Paper Display (Capstone Project)

- An IoT-based room management and digital signage system with a web app for room reservations and approvals, integrated with ESP32-powered E-Paper displays to provide real-time schedule updates and improve operational efficiency at Mapúa MCL.

### Faculty Availability and Announcement Display System

- A web application integrated with ESP32 and an E-Paper display, where faculty names, availability statuses ,and announcements can be updated through the web app and instantly reflected on the display

## SKILLS

- **Programming Languages:** Python, C#, C++ (Arduino), PHP, Visual Basic for Applications (VBA)
- **Web Development:** ASP.NET, HTML, CSS, Bootstrap, JavaScript
- **Database:** SQL, MySQL, Azure SQL, MS Access
- **Internet of Things (IoT):** Arduino, ESP32, WeMos, Sensors
- **Android Development:** Xamarin
- **UI/UX:** Figma

## CERTIFICATES

- Fortinet - NSE 1 Network Security Associate
- DICT - Programming for Beginners Using Python
- DICT - Programming for Intermediate Users Using Python
- DICT - Learn Basic Statistics with Python
- DICT - Analyze Data with Python
- DICT - Visualize Data with Python
- CodeChum Python Course