

# Jhon Michael E. Andaya

☎ 0949-132-6197 | ✉ jmeandaya@gmail.com | 📍 Calamba City, Laguna, 4027  
🌐 www.linkedin.com/in/jmeandaya | 🌐 https://andaya.jme-web-portfolio.vercel.app/



## SUMMARY

Recent B.S. Information Technology graduate with hands-on experience in software development, automating processes, managing databases, and integrating IoT systems through academic projects and internship. Skilled in troubleshooting, efficiency improvement, and ensuring reliable system performance, with a strong foundation in Python, C#, ASP.NET, and SQL databases

## EDUCATION

### Bachelor of Science in Information Technology

Mapúa Malayan Colleges Laguna

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)

## WORK EXPERIENCE

### Software Development Intern

Distribution Solutions Philippines (DISTRIPHIL)

Apr 2024 - Jul 2024 (486 Hours)

- Developed a VBA Excel-based barcode printing system integrated with a third-party API for automated sticker printing.
- Designed and deployed a Digital Return Slip Form with barcode scanner integration, replacing manual paper-based processes and reducing errors.
- Built a Digital Product Arrival Report System with barcode scanning and vehicle logging, improving delivery accuracy and warehouse compliance.

## SELECTED PROJECTS

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

- Developed an IoT digital signage system using ESP32 and e-paper display, showing real-time room schedule details (room number, course code, section, professor, and time slot).
- Developed a web application with scheduling, booking, and approval modules, enabling admins to manage reservations and faculty to approve requests, improving efficiency and transparency.

### Faculty Availability and Announcement Display System

- Developed a web application integrated with ESP32 and e-paper displays to show faculty availability and announcements in real time.
- Enabled instant updates from the web app, reducing delays in communication and improving faculty-student coordination.

## 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

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