Jhon Michael E. Andaya
Aspiring Software Developer

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EDUCATION

Mapúa Malayan Colleges Laguna   Aug 2020 - Jul 2025
Bachelor of Science in Information Technology
Dean's Lister:
- A.Y. 2021 - 2022 (2nd Term)
- A.Y. 2022 - 2023 (1st Term - 3rd Term)
- A.Y. 2023 - 2024 (2nd Term)

Mapúa Malayan Colleges Laguna   Jul 2018 - Jul 2020
Senior High School - STEM (Science, Technology, Engineering, and Mathematics)

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