

# FERNANDO DC. MAURO JR.

## SYSTEMS DEVELOPER

### PROFESSIONAL SUMMARY

Accomplished Systems Developer with 4 years of hands-on experience in designing, implementing, and optimizing complex systems. Driven by the mission to transform innovative ideas into tangible digital solutions through robust web development, specializing in creating high-impact websites for clients, businesses, and medical practices. Eager to leverage practical, real-world expertise to deliver high-quality, scalable applications, turning client concepts into successful, user-centric realities.

### CONTACT

Telegram & WhatsApp: +63 939 8697 288  
Email: fernandojr.mauro@gmail.com

Address: Bantug, Science City of Munoz, Nueva Ecija, Philippines, 3119  
Portfolio: <https://fernandomaurojr.space>

### WORK EXPERIENCE

#### Project Technical Specialist I | November 2024 - November 2025

Central Luzon State University

- Architected an advanced web analytics platform using Python and Cloud SQL for robust data management.
- Integrated Gemini AI to enhance system capabilities (e.g., automated data analysis or natural language processing).
- Implemented geospatial visualizations by integrating GIS maps into a reactive frontend built with Tailwind CSS and JavaScript library, Leaflet.

#### Project Technical Assistant II | September 2023 - November 2024

Central Luzon State University

- Engineered the frontend interface for the "Auto Furrow Irrigation System," a mobile-responsive web application designed to automate agricultural processes.
- Integrated ThingSpeak API to visualize real-time sensor data and implemented SMS API functionality for remote system notifications and alerts.
- Built a responsive and user-friendly UI using HTML, CSS (Bootstrap), and JavaScript, ensuring accessibility across different devices.

#### Junior Software Developer | July 2023 - September 2023

Metaverse Technology Consulting Inc.

- Contributed to the development of a government-grade payroll system for the Supreme Court of the Philippines.
- Engineered functional components and logic flows using the OutSystems platform to ensure accurate data processing.

#### Associate Frontend Developer | August 2022 - June 2023

Toro Cloud Philippines

- Designed and engineered responsive web templates using the company's proprietary platform (Bellini) and Angular, enhancing user customization capabilities.
- Integrated CRM APIs within the drag-and-drop web building application to ensure seamless data flow and dynamic content rendering.
- Collaborated within an Agile environment, participating in daily stand-ups and sprint planning to accelerate the software development lifecycle.

### ACADEMIC HISTORY

#### Central Luzon State University | 2018 - 2022

Bachelor of Science in Information Technology

Cum Laude, Major in Systems Development

Leadership

Vice President of Builder of Information Technology Society | Batch Reboot