



MARVIN MEDRANA DELLUZA

Contact Details

📞 09077058993

✉ marvinmedrana6@gmail.com

📍 Sta. Cruz Virac, Catanduanes

Technical & Programming Skills

- **Full-Stack Development:** PHP (Laravel), Python (Django), & Flutter/Dart Frameworks.
- **Database Management:** Advanced MySQL & PostgreSQL (Relational Architectures), Firebase (Real-time NoSQL).
- **Reporting & Analytics:** Automated PDF/Excel Reporting, Data Visualization for Sales Trends.
- **Mobile Application Development**
- **Web – Based Development**

Leadership & Organizational Skills

- Project Management (Capstone Project Leader)
- Time Management & Task Prioritization
- Alumni Relations and Engagement

Awards and Achievements

- With Honors – Senior High School
- Dean`s Lister – College Level
- Certificate of Training – Laravel Bootcamp for Capstone Project
- Certificate of Participation – Mastering Web App Deployment (Online)
- Completed 462 Hours of On-the-Job training

Hobbies and Interests

- Personal growth & Self – Development
- Community involvement
- Leadership and civic engagement
- Task planning and organization

Education

BACHELOR OF SCIENCE IN
INFORMATION SYSTEMS
CATANDUANES STATE UNIVERSITY
AUGUST 2021 – JUNE 2025
GRADUATED, 2025

Professional Summary

A results-driven Information Systems Graduate and Full-Stack Developer with a proven track record in building scalable digital solutions and automated process architectures. As a Capstone Project Leader, I have steered complex systems from conceptualization to deployment, specializing in Mobile Application Development (Flutter), Web-based Management Systems, and IoT (Arduino) integration. My professional background includes a tenure in the Government Sector, where I spearheaded the digitization of tourism and administrative frameworks, transitioning traditional workflows into Paperless Ecosystems. I bridge the gap between technical development and visual communication, leveraging Python for AI/Machine Learning (Image Classification) and Animaker for high-impact system demos.

Professional Experience

Systems Developer | Private and Government Sector (Province of Catanduanes)

- **Provincial Human Resource Management Information System (PHRMIS):** Architected an automated platform for leave applications and administrative workflows, implementing a **Paperless Approval System** that digitized the entire organizational process.
- **Official Province Website & Tourism Portal:** Designed and deployed the official provincial website using **WordPress**, optimizing digital presence and accessibility for public services and tourism.
- **IT Service Request System:** Developed a centralized ticketing and service management platform to streamline technical support and internal IT operations.
- Developed an **Audit Trail & Issuance Tracking** module to ensure accountability of distributed resources across different departments.

Freelance Full-Stack & Mobile Developer

- **AI-Powered Honey Identifier (Mobile App):** Engineered a cross-platform application using **Flutter** integrated with a **Python-trained Image Dataset** for automated honey type identification.
- **Tourism Mobile Application:** Developed a dedicated mobile guide for travelers, featuring location-based services and interactive UI/UX.
- **Automated Payroll & Attendance System:** Built a comprehensive web-based system featuring **Biometric/Time-in-Out tracking** and automated payroll computation.
- **Smart Communication & QR Systems:** Implemented a multi-channel **Announcement System** (SMS and Gmail integration) and a **QR Code-based** tracking solution for high-integrity data management.
- **IoT Smart Cane Tracking:** Engineered an **Arduino-based** navigation system with a real-time Web Dashboard for patient monitoring and GPS tracking.

Technical & Creative Skills

- **Development:** Flutter (Mobile), Web Development (Full-Stack), WordPress, Python (Machine Learning/Data Training).
- **Specialized Architecture:** PHRMIS/HRIS, Paperless Approval Workflows, IT Service Desk, QR & SMS/Email API Integration.
- **IoT & Hardware:** Arduino Programming, Sensor Calibration, Hardware-Software Interfacing.
- **Multimedia:** **Animaker** (System Walkthroughs & Animation Films), Video Storyboarding.