IVAN KENNETH A. ALVAREZ

🏠 Santa Rosa City, Laguna
📞 0991-233-5850
✉ ivanalvarez.inbox@gmail.com
in https://www.linkedin.com/in/ivankennethalvarez
○ https://github.com/hutfristg

OBJECTIVES

I have a fundamental knowledge across the different fields of Front-End Web Development, Embedded Systems, Manual Software Testing, Database Development, Information and Data Analysis. I work efficiently independently or in teams, prioritize tasks, meet deadlines, and adapt to rapidly evolving technologies.

EDUCATION

Mapúa Malayan Colleges Laguna   **2021 – Present**
Bachelor of Science in Information Technology   *Pulo-Diezmo Rd. Cabuyao City, Laguna*

- **Academic Achievements:** Dean's Lister (2021–2025), President's Lister (2021–2025)
- **Relevant Coursework:** Web & Mobile App Development, Database Management; Embedded System, IoT
- **Online Portfolio:** https://hutfristg.github.io/ivanalvarezportfolio

SKILLS

TECHNICAL (Programming Skills)
- *Front-End Development*: HTML5, CSS, JavaScript, UI/UX Design
- *Programming Languages:* PHP, C#, C++
- *Embedded Systems:* Arduino IDE, Microcontroller Programming
- *Software Testing:* Manual Testing, Bug Reporting
- *Data Analysis & Database:* Microsoft Power BI, MySQL

PERSONAL (Soft Skills)
- Capable of quickly adjust to new technologies, tools, and methodologies.
- Capable of effectively managing time to reconcile personal responsibilities and tasks.
- Assure the accuracy of project deliverables, documentation, and coding.
- Demonstrate self-motivation by taking the initiative to acquire new skills and technologies.

CERTIFICATES

- Google IT Support, 2025
- CompTIA IT Fundamentals (ITF+), 2024
- BPI Foundation Front-End Web Development 101, 2024
- DICT Business Intelligence with PowerBI, 2024
- CodeChum Python Course, 2021
- Programming for Everybody (Python), 2021

PROJECTS

MACHINE PROBLEM
E-Commerce Website *(Visual Studio Code, C#, MySQL, XAMPP, Web Application)*
- Developed a clothing e-commerce platform with features including user registration, product catalog, intuitive checkout navigation.

IoT Light Motion Sensor with Manual Override *(Visual Studio Code, C#, PHP, MySQL, XAMPP, Arduino IDE, Web Application)*
- Designed an IoT-based LED control system with manual/auto modes, light detection, alarm, and real-time data logging.

Smart Access Control and Monitoring System *(Visual Studio Code, C#, PHP, MySQL, XAMPP, Arduino IDE, Mobile Application)*
- Developed an RFID-based IoT system with real-time monitoring with mobile app integration, ensuring secure access control.

CAPSTONE
Air Quality Checking & Tracking for Environmental Compliance: An IoT-Based Air Quality Monitoring System
- Developed a real-time air quality tracking system with GPS and cloud integration, utilizing ESP32 and MQ sensors for environmental compliance monitoring.

INTERNSHIP
ICTO Inventory Management System *(VS Code, PHP, HTML, CSS, JavaScript, Web Application, CodeIgniter 4, MVC Architecture)*
City Government of Biñan, **Front-end Web Developer**
- Hardware & Software Inventory Management, Generation of Inventory Reports, User Role Management, System Logs

SEMINARS

- **TechTalk 2025,** Integrating Security and Efficiency in the Workplace.
- **WearOS Workshop Seminar 2025**: Wearable App Development with Android Studio.
- **CALABARZON CYBER CARAVAN 2024**: Cyber Security Awareness.

ORGANIZATION

Executive President, Mapúa Malayan Colleges Laguna InfoTech Society, 2023 - 2024
- *Led academic support initiatives, organized seminars, and coordinated community service activities for IT students.*

EXTRA-CURRICULAR ACTIVITIES

Volunteer, MMCL Center for Service-Learning and Community Engagement Office, 2022-2023
Volunteer, Mapúa Malayan Kalikasan, 2022-2023