ALDRIAN LOBERIANO

Career Objective:

Hi! I'm a versatile IT professional skilled in full-stack development, system administration, and network engineering. I build end-to-end web solutions, maintain reliable IT infrastructure, and troubleshoot technical issues to keep operations running smoothly. Passionate about innovation, I leverage new technologies to enhance performance, strengthen security, and simplify workflows.

Experiences

- Freelancer Figma Designer — **2025**
- Freelancer Web Designer and Developer — **2025**
- Freelancer IoT Prototyping and Coding — **2024**

Project Experiences

Barangay Appointment Management System

The Barangay Appointment Management System is developed using vanilla PHP and MySQL, following a clean and well-organized project structure. The system accommodates both regular users and administrative staff, providing an intuitive and secure platform for managing appointments. It incorporates robust security measures, including bcrypt password hashing, CSRF protection, and safeguards against SQL injection, ensuring data integrity and user safety.

Smart Fruit Detection

The Smart Fruit Detection system is developed using Django and leverages several powerful libraries and tools. OpenCV is used for camera integration, TensorFlow for object detection, Ultralytics for data segmentation, and Roboflow for data labeling, ensuring high accuracy in fruit detection. Google Colab is utilized for training the models, resulting in detailed and precise detection outputs. The system's frontend is designed with HTML and CSS, providing a clean and user-friendly interface.

Fire and Smoke detection with IoT Door and Exhaust System

The Fire and Smoke Detection with IoT Door and Exhaust System is built using Arduino Uno with an ATmega microcontroller, programmed in C++. This prototype serves as a demonstration to guide students in developing similar projects, allowing them to explore improvements and implement recommended enhancements.

Training & Seminars

- **August 24, 2025**
  Data Analytics and Data Science
- **October 23, 2025**
  SMART CONTRACT (Secure, Automated, Trusted)
- **September 21, 2023**
  Mobile Application Development
- **November 03, 2022**
  Adaptech Seminar

Character References

Judah Praise De Ocampo	**IT Instructor**
Angelique Posadas	**IT Instructor**
Agnes Recaña	**IT Instructor**

I hereby certify that the information above is true and correct to the best of my knowledge and belief.

Aldrian C. Loberiano
Signature of applicant

Contact

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AldrianLoberiano

aldriancayoloberiano

Blk-23, Lot-57, Site-3, NHA
Brgy. Sto Tomas Calauan, Laguna

Education

2010-2016
Sto Tomas Elementary School (Annex)

2016-2020
Dayap National High School (Main)

2020-2023
Dayap National Integrated High School

2023-present
Polytechic University of the Philippines

Skills

- Vanilla PHP, Laravel, Django, Flask
- MySQL, Postgres, MSSQL
- System Administrator (Admin, End Users, GPO)
- Configuring Network (Routers, Windows Firewall, IP Config)
- AI | ML | DL
- Soft Skills: Communication skills, Analytical Skills, Attention to details

Language

English

Filipino