

# ALDRIAN C. LOBERIANO

## CAREER OBJECTIVE:

An aspiring IT professional seeking opportunities to grow in full-stack development, system administration, and network engineering. Motivated to build end-to-end web solutions, support reliable IT infrastructure, and develop strong troubleshooting skills to ensure smooth operations. Passionate about learning emerging technologies to improve performance, enhance security, and streamline workflows while contributing value to a dynamic organization.

## EXPERIENCES

- |   |      |
|---|------|
| • Freelancer Figma Designer             | 2025 |
| • Freelancer Web Designer and Developer | 2025 |
| • Freelancer IoT Prototyping and Coding | 2024 |

## PERSONAL/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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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  
Polytechnic University of the Philippines

## SKILLS

- Vanilla PHP, Laravel, Django, Flask, React
- MySQL, Postgres, MSSQL, MongoDB
- 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