

Jayne Vernice C. Ramos

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Skills

Languages: HTML5/CSS, JavaScript, SQL, PHP, Python, Java, C#, C++

Libraries & Frameworks: Bootstrap, TailWind CSS, Laravel, jQuery, ReactJS,

Machine Learning & AI: YOLOv8, OpenCV

Development Tools: Git, Google Colab, Roboflow, Replit

Experience

Philippine Rice Research Institute

Science City of Muñoz, NE

Web Developer

February 2024 – May 2024

- Designed and developed a dynamic reporting website for PhilRice's training initiatives, incorporating interactive graphs and role-based access. The platform provides guests with post-survey report views and offers authenticated staff (encoder, admin, super admin) secure, differentiated access across all PhilRice stations.
- Managed back-end development to ensure robust user role and profile management, including overseeing encoders and admins by promoting, demoting, and blocking or unblocking accounts, as well as monitoring live page visits.
- Integrated advanced front-end and back-end technologies, including Flowbite, Laravel, ApexCharts, AJAX, and SweetAlert, to enhance system functionality. This resulted in a user-friendly web application with seamless interactivity.

Personal Projects

Aerator Automated Aquaculture Monitoring System Using

June 2023 – December 2023

Computer Vision for CLSU-FAC's Catfish Farming

- Capstone Project: Developed a Python script for real-time detection and counting of gasping catfishes using an ESP32-Camera module. Collected and processed a custom dataset from a catfish pond, including data filtering and annotation with Roboflow, to train a YOLOv8 model for precise detection.

Reactfolio

January 2024

- A personal portfolio website developed using ReactJS, to showcase educational background, professional experiences, technical skills, and projects, with integrated contact information for networking and opportunities. View the project at <https://jaynevernice.github.io/reactfolio/>.

Certifications and Trainings

AWS ACADEMY CLOUD FOUNDATIONS

September 4, 2023

AWS Academy

IT MARKETING CHALLENGE

May 5, 2023

International Research Conference on Information Technology Education

SAP ANALYTICS CLOUD

March 31, 2023

ASEAN Data Science Explorers

BITS: C PROGRAMMING TUTORIAL SESSION II

April 18, 2021

CLSU Builders of Information Technology Society

BITS: C PROGRAMMING TUTORIAL SESSION I

February 28, 2021

CLSU Builders of Information Technology Society

Education

CENTRAL LUZON STATE UNIVERSITY

Science City of Muñoz, NE

Bachelor of Science in Information Technology

July 19, 2024

Cumulative GPA: 1.37, *Magna Cum Laude*

Relevant Coursework: Software Engineering, Internet of Things, Web Applications Development