Jayne Vernice Ramos

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Skills

Languages: HTML5, CSS3, 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 (OJT)   February 2024 – May 2024

- Designed and developed a dynamic reporting website for PhilRice's training initiatives, incorporating 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.
- Contributed to the 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, jQuery, and SweetAlert, to enhance system functionality, user experience, and overall usability.

Personal Projects

Aerator Automated Aquaculture Monitoring System Using   May 2023 – December 2023
Computer Vision for CLSU-FAC's Catfish Farming

- Made a custom dataset by setting up a camera module to capture gasping catfish in their aquatic environment over a month, then extracting and filtering the footage into frames, annotating them in Roboflow, and exporting them as a YOLOv8 model.
- Developed a Python program that leverages the model to identify and count gasping catfish in real time. The program detects instances of gasping catfish and transmits the data to Blynk for remote and real-time monitoring.

Portfolio Website   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

FOUNDATIONAL C# WITH MICROSOFT   September 1, 2024
freeCodeCamp & Microsoft
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

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, Web Development, Internet of Things