

RALPH LAURENCE SAYO

Full-Stack Web & Mobile Developer

Davao del Norte, Philippines | +63 998 167 4919 | ralphlaurencesayo@gmail.com | github.com/Laurenceonly

PROFESSIONAL SUMMARY

Fourth-year BS Information Technology student and full-stack web and mobile developer, with professional experience supporting technical operations and dashboard systems. Developed full-stack web applications and contributed to a machine learning-based handwriting screening system through a hands-on capstone project, supported by networking certifications.

WORK EXPERIENCE

Technical Staff

September 2026 – Present

Cruisechef International Academy — Remote

- Oversee the academy's admin dashboard, handling reservations and automated email workflows across all training stages, supporting 200+ reservations on record while resolving account and system issues for staff and trainees.
- Maintain the academy's social media channels and content calendar, growing its digital presence and supporting enrollment outreach.
- Support dashboard record-keeping and technical workflows while contributing to planning an in-house academy application for trainee account management.

PROJECTS

GraphiScan — Dysgraphia Detection and Management System

2025 – 2026

Lead Programmer, Capstone Project

- Developing a CNN-based handwriting screening system using Python, PyTorch, TensorFlow, and OpenCV to identify potential indicators of dysgraphia.
- Developing a web and mobile application using Vue, Capacitor, and Flask to support handwriting screening and evaluator access as the project progresses.
- Led a team of 3 through design, development, and testing, producing a research-grade screening aid positioned to support—not replace—clinical evaluation.

EDUCATION

Bachelor of Science in Information Technology

Expected June 2027

Davao Del Norte State College, Panabo City, Philippines

SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, PHP, Dart, C++
- **Frameworks & Libraries:** React, Next.js, Vue, Nuxt, Laravel, Node.js, Flask, Flutter, React Native, Capacitor, TensorFlow, PyTorch, Keras, OpenCV, Three.js, GSAP
- **Frontend & Styling:** HTML, CSS, Bootstrap, Tailwind CSS, Vite
- **Databases:** MySQL, PostgreSQL, MongoDB, Supabase
- **Tools & Platforms:** Git, GitHub, VS Code, Docker, Firebase, Vercel, Figma, Postman

CERTIFICATIONS

- CCNA: Introduction to Networks — Cisco Networking Academy (May 2025)
- CCNA: Switching, Routing, and Wireless Essentials — Cisco Networking Academy (Dec 2025)