

RYLE ANTHONY M. GABOTERO

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Fourth-year BSIT student and WorldSkills Philippines Cybersecurity national competitor with hands-on experience in systems administration, security engineering, AI/computer vision, and full-stack development.

EDUCATION

FOUNDATION UNIVERSITY

Bachelor of Science in Information Technology

Fourth-year BSIT student focused on cybersecurity, systems administration, AI/computer vision, and full-stack engineering.

TOPCIT: 365 points (Advanced Beginner)

Relevant Coursework: Systems Integration & Architecture, Web Systems & Technologies, Information Assurance & Security

Dumaguete City, Negros Oriental

Expected 2027

KOICA DX CENTER - ADVANCED AI & DATA ANALYTICS COURSE

Certificate of Completion & Competency - 120-hour Advanced Big Data Analytics and Artificial Intelligence training; Deep Learning Architecture 10/10 and Neural Networks & MLP Modeling 9/10

Dumaguete City, Philippines

2026

COMPETITIONS & TRAINING

WORLDSKILLS PHILIPPINES / TESDA - CYBERSECURITY

Regional Gold Medalist & WorldSkills Philippines National Competitor

Negros Island Region

2026

- Won Gold in Cybersecurity at the NIR Regional Skills Olympics, qualifying to represent Negros Island Region at the WorldSkills Philippines Nationals.
- Competed in the WorldSkills Philippines Nationals in Clark, Pampanga; performed Linux/Windows Server administration, security assessment, hardening, firewalling, and infrastructure troubleshooting under timed competition conditions.
- Represented Foundation University and the Negros Island Region at the national level.

AI & SOFTWARE DEVELOPMENT COMPETITIONS

Competitor / Participant

Philippines

2025-2026

- Placed 4th in Can You Hack IT Cebu, an AI-driven application hackathon; also participated in a Huawei developer hackathon.
- Designed and prototyped software under hackathon constraints, applying AI, rapid development, teamwork, and technical problem-solving.

PROJECTS

DUCK EGG FERTILITY CLASSIFICATION SYSTEM (YOLOv8)

2026

- Developing a localized computer-vision system for fertile, infertile, and abnormal duck-egg classification using YOLOv8, OpenCV, and a 3,000+ image target dataset.
- Designed edge-deployment workflow with indexed stepper-motor conveyor, ESP32/A4988 control, controlled candling chamber, mobile results, and web analytics dashboard.

FRACS - FACE RECOGNITION ATTENDANCE CHECKER SYSTEM

2025-2026

- Built a React/Vite front end with a CodeIgniter 4 backend, JWT authentication, role-based access, QR attendance workflows, and refresh-token handling.
- Implemented dynamic QR scanning, attendance state handling, and secure authenticated API integration.

SELECTED SOFTWARE PROJECTS

MYANIME - PERSONAL ANIME STREAMING PLATFORM

2025-2026

Full-stack Developer

- Built a React/Vite/Tailwind interface with HLS.js playback, subtitles and quality controls; developed a Node/Express proxy with caching and rate limiting.
- Deployed front end and backend using Vercel and Railway-oriented workflows.

REAL-TIME WEB SYSTEMS & INTERACTIVE EXPERIENCES

2025-2026

Full-stack Developer

- Built a pickleball court reservation system with real-time slots and admin controls, plus a photobooth platform with uploads, gallery display, QR flows, POS/queue extensions, and WebSocket updates.

ADDITIONAL

Technical Skills: JavaScript/TypeScript, React, Vite, Tailwind CSS, Node.js/Express, PHP/CodeIgniter 4, MySQL, Python, OpenCV, YOLOv8, Docker, Git, REST APIs, WebSocket/Socket.IO, Kotlin/Compose, Unity/AR Foundation

Cybersecurity & Infrastructure: Linux (Rocky, Kali, Ubuntu, Debian), Windows Server, Active Directory, Group Policy, pfSense, VMware/ESXi, OpenVPN, Snort, Wireshark, Nmap · Focus: Cybersecurity, Systems Administration, AI/Computer Vision, Full-Stack Development