

JAMES ANTHONY O. ROSALES

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Highly motivated Information Technology undergraduate seeking a career path in Network Engineering and System Administration. Proven theoretical knowledge in routing and subnetting (OSPF, VLSM), combined with practical experience in full-stack development, server deployment, and hands-on fiber optic network installation.

EDUCATION

Bicol University College of Science **Legazpi City, Albay, Philippines**
Bachelor of Science in Information Technology *June 2026 (Expected)*

- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Networking, Web Systems and Technology, Information Management, System Administration and Maintenance
- **Awards/Honors:**

Tabaco National High School **Tabaco City, Albay, Philippines**
Senior High School - Specialized in Computer System Servicing NC II (TECH-VOC) *July 2022*
Junior High School

EXPERIENCE

Commission on Higher Education – Regional Office V (CHED RO V) **Legazpi City, Albay, Philippines**
OJT Intern — HEMIS Unit, MIS Division *February - May 2026*

- Developed CAFÉ (Custom Adaptive Forms & Evaluations), a **production-grade web platform** now live at cafe.r5.ched.gov.ph, used by CHED RO V and HEIs across Region V for form-based data collection, file gating, digital certificate generation.
- Built and deployed supporting system features including a Spreadsheet module, REST API with Laravel Sanctum, AWS S3 file storage migration, OneTouch SSO integration, and an analytics foundation for the INSIGHT enrollment data warehouse system.
- Cleaned and consolidated multi-year HEI enrollment datasets using **Python scripting**

Capstone Project (Application Tracking System for PCA) *April - November 2025*
Full Stack Developer

- **Developed** a centralized application tracking system (Laravel/Eloquent) for **PCA Regional Office V** client, handling proponent and admin workflows; **deployed and managed** the live application on **DigitalOcean** using a **LEMP stack** and handled domain/indexing setup.

COMELEC Malinao *May 2025 Election*
DESO Technical Support Staff (DESO-TSS)

- Provided on-site **critical technical support** and rapid troubleshooting for Automated Counting Machines (ACM) during the voting period, ensuring smooth and uninterrupted electoral processes.

DCTV Cable Network Broadband Services Inc. **Tabaco City, Albay, Philippines**
Work Immersion Intern *May 2022*

- Installed and configured fiber optic internet services and Customer Premises Equipment (CPE), utilizing skills in fusion splicing and troubleshooting equipment compatibility.

LEADERSHIP EXPERIENCE, TRAININGS, AND ACHIEVEMENTS

Participated in DESO Technical Support Staff Training (COMELEC) *2025*
In connection with the 2025 National, Local, and BARMM Elections Legazpi City, Philippines
Obtained National Certificate II in Computer System Servicing *2021*
Accredited Assessment Center- San Francisco Institute of Science and Technology (SFIST)

TECHNICAL SKILLS

Networking and Systems: Expertise in Cisco Packet Tracer for network simulation; strong grasp of Subnetting (VLSM) and Routing Protocols (OSPF). Proficient in Linux System Administration, LEMP stack deployment, and DigitalOcean Droplet management. Familiarity with Fortinet Switch and DNS Management.

Development: Laravel, Eloquent ORM, PHP, Livewire, Vue, PostgreSQL MySQL, Firebase

Tools & Platforms: Google Search Console, Git/GitHub, CI/CD Using GitHub Actions, AWS S3, DigitalOcean, Microsoft Office, AI Tools (GitHub Copilot, Claude, Codex, OpenCode)