Ralph Laurence O. Bayya

IT Graduate · Network & Security Track

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Open to IT roles — network operations, system administration & support

PROFESSIONAL SUMMARY

Information Technology graduate majoring in Networking and Security, with hands-on background in full-stack development, database management and Cisco LAN infrastructure. Practical experience supporting live office and school networks — troubleshooting endpoints, installing satellite and wired connectivity, and enforcing content-safety filtering. Comfortable with Python, PHP, React, SQL and Linux administration, and able to deliver work independently or within a team. Consistently recognised for strong communication and a 100% overall rating on work immersion performance appraisal.

PROFESSIONAL EXPERIENCE

Intern — Management Information System

Jun 2026 — Aug 2026

DOST-CAR Regional Office · La Trinidad, Benguet

- Coordinated with IT department teams to troubleshoot hardware and software issues across the regional office.
- Installed a Starlink satellite router to eliminate dead zones and restore stable, uninterrupted network coverage.
- Contributed to team brainstorming sessions that mapped out and designed the organisation's network topology.
- Crimped and terminated RJ45 cabling to build and maintain physical network connections.

Sub-Network Support

Jan 2025 — Present

Unzad Elementary School · Unzad, Villasis, Pangasinan

- Implemented domain and URL filtering to block unauthorised and illegal sites, enforcing content-safety protocols for the school environment.
- Carried out routine network diagnostics and speed tests to evaluate bandwidth, uptime and overall link quality.
- Administered network access controls to prevent unauthorised bandwidth consumption and maintain optimal connection speeds.

AT A GLANCE

100% Immersion appraisal	**9** Certificates earned
2 Network support roles	**2026** Year of graduation

TECHNICAL SKILLS

NETWORKING & SECURITY

Cisco LAN Switches & Routers · CCNA 1–4 · LAN/WAN Configuration · Network Topology Design · Troubleshooting · URL & Domain Filtering · RJ45 Termination · Starlink / Satellite · Cisco Packet Tracer

PROGRAMMING

Python · PHP · SQL · C++ · JavaScript

FRONT END & BACK END

React · HTML5 · CSS3 · REST / API Integration · Authentication

DATABASES & INFRASTRUCTURE

Supabase · Firebase · PostgreSQL · MySQL / phpMyAdmin · Docker

TOOLS, OS & PLATFORMS

Linux / Ubuntu · Windows · Git & GitHub · Visual Studio · Android Studio · MS Office Suite · SAP ERP (basic)

EDUCATION

Bachelor of Science in Information Technology

University of the Cordilleras · Baguio City

Major track: Network & Security. Graduated 24 September 2026.

Network & Security Track

SELECTED PROJECTS

QuickTap — Web-Based Cafeteria POS with Analytics
2026

Capstone Project · Team of 3

Modernised a cafeteria point-of-sale system into a web application with embedded analytics, delivered as part of a three-member capstone team.

Project Attendance System — DOST Interns
2026

DOST-CAR Regional Office

Served as Data Management Analyst and Project Manager for an attendance management system tracking DOST interns, handling the data model, records and rollout.

Regional Network Topology Redesign
2026

DOST-CAR Regional Office

Mapped and proposed a redesigned LAN topology to eliminate coverage dead zones, paired with Starlink backhaul and structured cabling.

ACCOMPLISHMENTS & EVENTS

- **100% Overall Rating — Work Immersion Performance Appraisal**
  Olla Academy, Urdaneta City · Mar 2023
- **14th Regional Health Research Conference**
  Benguet State University, La Trinidad, Benguet · Jun 19, 2026
- **NDRM Summit EXPO 2026**
  Baguio City · Jul 23, 2026
- **Work Immersion — Improving Skills in IT Technologies**
  Olla Academy, Urdaneta City · Mar 23, 2023

CERTIFICATIONS

- **CCNA: Enterprise Networking, Security and Automation**
  Cisco Networking Academy (NetAcad) · 2026
- **CCNA: Switching, Routing, and Wireless Essentials**
  Cisco Networking Academy (NetAcad) · 2026
- **Certificate in NCII — Computer Servicing System**
  TESDA · 2026
- **Certificate in AI in Programming — Server Set-up & Deployment**
  2026
- **Certificate in Data Analysis using Microsoft Excel**
  2026
- **Introduction to Cybersecurity**
  Cisco Networking Academy (NetAcad) · 2026
- **Networking Basics**
  Cisco Networking Academy (NetAcad) · 2026
- **Introduction to Ethical Hacking and Penetration Testing**
  Cisco Networking Academy (NetAcad) · 2026
- **Planning and Scoping a Pentest Assessment**
  Cisco Networking Academy (NetAcad) · 2026

SEMINARS & TRAINING

- **Practical Data Analysis Using Python and Data Visualization**
  University of the Cordilleras · Mar 14, 2026
- **Practical App Development**
  University of the Cordilleras · Mar 14, 2026
- **Quantum Computing: Fundamentals, Concepts, and Application**
  University of the Cordilleras · Mar 7, 2026
- **Blockchain 101: Concepts, Architecture, & Real-World Use**
  University of the Cordilleras · Mar 7, 2026
- **KAS Solution Conference**
  SotoGrande Hotel, Baguio City · Feb 6, 2026
- **SAP Accenture — Student Career Talk Encore Webinar**
  SAP University Alliances · Oct 23, 2025