



# ROWBIE B. LOPEZ

Tuguegarao City, Cagayan

0927-184-8502 lopezrowbie@gmail.com

LinkedIn: [linkedin.com/in/rowbie-lopez-84608ab4](https://www.linkedin.com/in/rowbie-lopez-84608ab4)

Portfolio: <https://rowbie-portfolio.vercel.app/>

## SUMMARY

Licensed Professional Teacher (LPT) and ICT Educator with 11+ years of experience in university information systems development and ICT education. Lead developer of mission-critical platforms including the E2E System, HRIS, OFES, and Student Portal at Cagayan State University, serving multiple campuses. Experienced in full-stack web development using PHP/Laravel (legacy) and modern stacks including Next.js, TypeScript, and Supabase. Currently building Athena Classroom, an EdTech platform for classroom management. Open to remote web/systems development roles, EdTech collaboration, and university digital transformation consulting.

## CORE SKILLS

### Web & System Development

- PHP (procedural & basic OOP), MySQL/MariaDB
- HTML5, CSS3, Bootstrap, JavaScript, jQuery
- Next.js, TypeScript, Supabase, Tailwind CSS
- CRUD applications, database-driven systems, form validation
- User authentication, session handling, role-based access

### Database & Server Management

- MySQL design, queries, stored data management
- cPanel & VPS deployment, backups, SSL installation
- Domain setup, subdomains, staging and production

### Development Practices

- Requirement gathering and system documentation
- API handling (JSON, RESTful concepts)
- Version control (Git – basic)

### UI/UX & Frontend

- Responsive layouts using Bootstrap
- Basic wireframing and interface design
- Website maintenance, updates, and content management

### Tools & Productivity

- Git & GitHub, Vercel deployment, Claude Code, GitHub Copilot, Cursor
- MS Office & Google Workspace
- Canva & basic Adobe tools for UI assets

### Soft Skills & Work Style

- Clear communication with technical and non-technical users
- Team collaboration and task coordination
- Time management and problem-solving
- Can work independently with minimal supervision

## EDUCATIONAL INFO

- **Certificate in Professional Teaching Education** (2024)
- **Master in Information Technology** (2024)
- **Bachelor of Science in Information Technology** (2013)

## WORK EXPERIENCES

### University Senior Programmer / Project Development Team Leader (2020 – present)

- Lead developer of the E2E (Admission–Enrollment–Employment) System used across multiple campuses
- Builds new modules, fixes bugs, improves system functions, and manages database updates
- Deploys applications on VPS/cPanel, handles hosting, SSL, backups, and site maintenance
- Coordinates with different offices to gather requirements and implement system changes
- Maintains the official CSU website and supports website updates across campuses
- Provides technical troubleshooting and user support for university offices

### Also served as Instructor

- Teaches ICT-related subjects (Introduction to ICT, Data Management, Living in the IT Era, Teaching ICT)
- Prepares modules, assessments, and online learning materials
- Uses LMS and digital platforms for class delivery
- Assists in ICT-related training and special projects for students and staff

### Founder & Developer — Independent Projects (2024–Present)

- Building **Athena Classroom**, an EdTech platform for classroom management (attendance, gradebook, quizzes, lesson planning) using Next.js, TypeScript, and Supabase
- Developed **Framify**, a web-based frame generation platform for event and social media designs
- Built **SIPLocator**, a coffee shop discovery platform using Google Maps API and Supabase

### Web Developer | Cagayan State University (2014 – 2020)

- Developed multiple internal systems: PBB Reporting System, Helpdesk System, Graduate Tracer, Alumni Database, Document Tracking, Training Management System
- Designed web layouts and maintained official and campus websites
- Deployed updates, maintained hosting, and ensured website security and backups
- Provided IT support and created digital materials for academic and administrative events

### Admin Aide III | LGU Tuguegarao City (2013 – 2014)

- Performed administrative tasks, payroll preparation, and data encoding
- Designed IEC materials, invitations, banners, and event layouts

### Technical Support Functions:

- Provided basic troubleshooting for hardware/software concerns
- Assisted in setup of computers and multimedia equipment during official events
- Helped staff with document preparation and office system use

TRAININGS & SEMINARS ATTENDED

**Hour Code Campaign: AI Ready ASEAN Program**  
Break the Fake Movement with ASEAN Foundation  
September 27, 2025 — 8 hours

**Hackers on the Beach: Debug 4**  
HackTheNorth.ph  
July 4-6, 2025 — 24 hours

**Python Programming Essentials Course**  
Department of Information and Communications  
Technology (DICT)  
June 16-20, 2025 — 40 hours

**National Training on Educational Technology Tools**  
EdTech Teacher Training Center  
April 19-20, 2025 — 24 hours

**TCON 7: Northern Philippines’ National Cybersecurity Conference**  
HackTheNorth.ph  
November 30, 2024 to December 1, 2024 — 24 hours

**Cyber Range Exercises**  
Department of Information and Communications  
Technology (DICT)  
August 28, 2024 — 8 hours

**Official Cybersecurity Certification Training (OCCT)**  
Department of Information and Communications  
Technology (DICT)  
August 12-14, 2024 — 36 hours

**Web Development for Web Developers**  
Department of Information and Communications  
Technology (DICT)  
December 12-16, 2022 — 40 hours

**Serverless App Development Training**  
Department of Information and Communications  
Technology (DICT)  
June 17, 2022 — 8 hours

**Business Continuity Training Workshop for State Universities and Colleges**  
De La Salle–College of Saint Benilde  
February 21 – March 8, 2022 — 40 hours

User’s Training on RGIN GeoPortal  
Regional Development Council II (NEDA R02)  
March 4, 2021 — 8 hours

**IT Governance: COBIT5 Self-Assessment (ELS Deep Dive Learning Module)**  
Department of Information and Communications  
Technology (DICT)  
May 16-18, 2018 — 24 hours

**Managing ICT Services in Government – ITIL Framework Seminar**  
Department of Information and Communications  
Technology (DICT)  
April 18-20, 2018 — 16 hours

**Training on WordPress**  
TechVentures IT Solutions  
June 11, 2017 — 8 hours

TRAININGS CONDUCTED (AS TRAINER)

- **HacktheNorth.PH ICT Roadshow**  
Resource Speaker August 16, 2024
- **Demonstration Cum-Training Workshop on CSU HRIS**  
Trainer, February 2023
- **Training-Workshop on the CSU Helpdesk**  
Trainer, July 2022
- **Trainer’s Training on DAAS**  
Trainer, July 2020
- **Orientation & Training on Document Archiving and Paperless Transaction**  
Trainer, December 2019
- **Training Workshop on the Campus Website** Trainer, September 2019
- **National Volunteer Month (Graphic Artist)**  
Committee / Facilitator, December 2016

UNIVERSITY SERVICES

- **Resource Speaker - Session 1: Empowering Communities to Earn Online**
- **Resource Speaker – Responsible AI use in the 21<sup>st</sup> Century Education**
- **Resource Speaker (E2E & University Branding) – May 2024**
- **Social Media Promotion, Documentation, Program & Invitation Committees – 2020–2024**
- **Multimedia & Souvenir Committees for CSU Founding Anniversaries and International Conferences**

ELIGIBILITY

- **Licensed Professional Teacher (LPT)**  
March 23, 2025
- **Career Service (Professional) Examination**  
August 8, 2023
- **Career Service (Sub-Professional) Examination**  
May 3, 2015

PROFESSIONAL MEMBERSHIPS

- **Southeast Asian Media Studies Association (SEAMSA), 2025–2026**
- **P-SITE Region II, 2023–Present**
- **HackTheNorth.PH Inc. | Director for Logistics & Finance, 2017–Present**

CHARACTER REFERENCES

Available upon request