

Jackielene S. Pomoy

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EDUCATION

Surigao del Norte State University – Del Carmen Campus

Bachelor of Science in Information Technology

Graduated: June 05, 2025

EXPERIENCE

Lead Full Stack Developer (Capstone Thesis Project)

Surigao del Norte State University – Del Carmen Campus, August 2024 – March 2025

- Led the development of an IoT-Enabled Smoke Detector System to improve fire emergency response.
- Integrated ESP32 microcontroller with gas sensor, GSM module, and Blynk API for real-time monitoring and SMS alert functionality.
- Collaborated with a multidisciplinary team to gather requirements, conduct testing, and ensure deployment readiness.

Front-End Developer (On-the-Job Training)

Surigao del Norte State University – Del Carmen Campus, March 2025 – June 2025

- Developed the university's Online Enrollment UI Portal using HTML5, CSS3, JavaScript, and Bootstrap.
- Designed responsive UI components for student enrollment and user data entry.
- Implemented form validation and dynamic feedback features to enhance usability.

PROJECTS

Smoke Sense (*Laravel, MySQL*) - IoT-based smoke detection system with real-time monitoring and tracking with SMS alerts.

Siargao Travels Booking System (*Laravel, MySQL, HTML5, CSS3, JavaScript*) - Booking platform for resort reservations in Siargao Islands.

NetSafeScan (*Next.js, Node Express, PostgreSQL*) - Online URL scam and phishing detector website.

TECHNICAL SKILLS

Languages & Frameworks: HTML5, CSS3, JavaScript, PHP, Laravel, ReactJS, NextJS, NodeJS, Express, PostgreSQL Bootstrap, Tailwind CSS, MySQL,

Tools & Platforms: WordPress, Firebase, JSON, Git/GitHub, Figma

CERTIFICATIONS

- **DICT-WD002 – Using HTML and CSS to Design a Website**
- **DICT-WD003 – Basic JavaScript for Web Development**
- **DICT-ICT007 – Data Privacy & Good Governance**
- **DICT-ICT006 – Introduction to Data Privacy**
- **Coursera – Cybersecurity for Everyone**
- **Google – Build Dynamic User Interfaces for Websites**
- **Google – Foundations of User Experience (UX) Design**
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PROFESSIONAL SUMMARY

Recent Information Technology graduate with hands-on experience in front-end and full stack development. Skilled in building responsive, user-friendly web applications using modern technologies. Strong foundation in UI/UX design and software development life cycle. Seeking to contribute technical expertise and creativity as a Front End Web Developer, Web Developer, or Entry-Level Full Stack Developer.