

ASNOR ABAÑO SUMDAD

Computer Engineering Student

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EDUCATION

LAGUNA STATE POLYTECHNIC UNIVERSITY - SANTA CRUZ CAMPUS

Bachelor of Science in Computer Engineering

Santa Cruz, Laguna

2022 – Present

EXPERIENCE

Freelance & Project-Based

Full-Stack Web & Mobile Developer

Remote / Hybrid

2022 – Present

- **RSVP Wedding Service (Business Owner):** Developed a SaaS-like wedding RSVP platform serving multiple clients. Features include searchable guest lists, exclusive access links, and automated email confirmation using **NodeMailer**. Built with **Next.js**, **Tailwind CSS**, **Framer Motion**, and **Supabase**.
- **Hereafter, Pal (Thesis Commission):** Created a scalable digital memorial platform using **Next.js** and **Node.js**. Integrated **ElevenLabs API** for AI voice cloning and **PayMongo** for secure payments. Managed media optimization via **Cloudinary**.
- **PillPal (IoT Mobile App):** Engineered a cross-platform mobile ecosystem for an IoT healthcare device using **Flutter**. Implemented real-time communication with **ESP32** hardware via **HiveMQ** and **Firebase** for medication scheduling.
- **Ordering System:** Full-stack web application for restaurant management developed with **Next.js**, **Supabase**, and **Framer Motion**.
- **ChadGPT (AI Project):** Developed a conversational AI web interface leveraging Local LLMs via **Ollama** and **FastAPI**, with a **Next.js** frontend.
- **RFID Attendance System:** Built an embedded attendance tracking system using **Python** on **Raspberry Pi** and **ESP32**, featuring a **React.js** dashboard for real-time monitoring.

Magpie Tutor Academy (London)

Video Editor - Marketing & Content

Remote

2025

- Produced engaging video content for marketing campaigns and YouTube channels, enhancing brand visibility.

Disrupting Diabetes (Australia)

Video Editor

Remote

2023 – 2024

- Edited educational and promotional YouTube content focused on health awareness and diabetes management.

COMPETITIONS & ACHIEVEMENTS

Regional Programming Competition (ICpEP)

Java Participant

2024

Campus Event - CpE Days

Programming Champion (C++)

2022

Reply Code Challenge

International Participant

2022

AFFILIATIONS

Association of Computer Engineering Students (ACOES)

Active Member

Laguna State Polytechnic University

2022 – Present

- Participated in academic, technical, and organizational activities, contributing to the success of general assemblies and technical challenges.

SEMINARS AND TRAININGS ATTENDED

Beyond Firewalls: A Unified Approach to Cybersecurity

Department of Information and Communications Technology (DICT)

June 13, 2025

National Cybersecurity Plan 2023-2028 Orientation

Institute of Computer Engineers of the Philippines (ICpEP.se) - Region 4A

April 24, 2025

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| General Assembly and CpE Challenge <i>Association of Computer Engineering Students (ACES) & ICpEP Region IVA</i> | Dec 3, 2024 |
| Power of Object-Oriented Programming using Microsoft C#.Net <i>Webinar Series</i> | March 9, 2023 |
| ICpEP.se Regional Convention: Accelerating Digital Transformation <i>Pamantasan ng Cabuyao (University of Cabuyao)</i> | Dec 9, 2022 |

SKILLS

- **Mobile Development:** Flutter, Dart, Cross-platform Architecture
- **Web Development:** Next.js, React.js, HTML5, CSS3, Tailwind CSS, Framer Motion, JavaScript (ES6+), TypeScript, PHP
- **Backend & Database:** Node.js, FastAPI, Firebase (Auth/Firestore/Realtime), Supabase, MySQL, SQL
- **Hardware & IoT:** Embedded Systems, ESP32, Raspberry Pi, C++, MQTT (HiveMQ)
- **APIs & Integrations:** ElevenLabs (AI Voice), PayMongo, Stripe, Mapbox, Cloudinary, Ollama (Local LLM)
- **Version Control:** Git, GitHub
- **Creative Tools:** CapCut, Canva, Figma