

ASNOR A. SUMDAD

Full-Stack Developer

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EXPERIENCE

Full-Stack Web & Mobile Developer *Freelance & Project-Based | Remote / Hybrid | 2022 – Present*

- **RSVP Wedding Service:** Architected a SaaS platform for multi-client wedding management using Next.js, Tailwind CSS, and Supabase; implemented automated guest access and NodeMailer integration.
- **Hereafter, Pal:** Developed a digital memorial platform featuring AI voice cloning via ElevenLabs API, secure PayMongo payment processing, and Cloudinary media optimization.
- **PillPal (IoT):** Engineered a cross-platform Flutter mobile app integrated with ESP32 hardware via HiveMQ (MQTT) for real-time medication scheduling and healthcare monitoring.
- **Ordering System:** Developed a full-stack web application for restaurant management utilizing Next.js, Supabase, Cloudinary, MapBox, and Framer Motion.
- **Embedded Systems:** Designed an RFID attendance system using Python (Raspberry Pi/ESP32) with a React.js dashboard for real-time data visualization.
- **AI Projects:** Built "ChadGPT," a custom AI interface utilizing FastAPI and Local LLMs (Ollama) with a modern Next.js frontend.

SKILLS

- **Web:** Next.js, React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Framer Motion
- **Mobile:** Flutter, Dart, Cross-platform Mobile Architecture
- **Backend:** Node.js, FastAPI, PHP, Firebase (Auth/Firestore/Realtime), Supabase, MySQL, SQL, PostgreSQL
- **IoT/Hardware:** Embedded Systems, ESP32, Raspberry Pi, C++, MQTT (HiveMQ), RFID
- **Tools:** GitHub, Figma, Ollama (Local LLM)

EDUCATION

Bachelor of Science in Computer Engineering *Laguna State Polytechnic University | Santa Cruz, Laguna | 2022 – Present* *Active Member, Association of Computer Engineering Students (ACOES)*

ACHIEVEMENTS & CERTIFICATIONS

- **2025:** Beyond Firewalls: A Unified Approach to Cybersecurity - DICT Certification
- **2024:** Regional Programming Participant (Java) - ICPEP Region 4A
- **2022:** Programming Champion (C++) - LSPU CpE Days