

JULES ALFONZ R. PECAOCO

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SKILLS

Languages: TypeScript, JavaScript, Java, Python, PHP

Frontend & Mobile: React, React Native, Expo, HTML, CSS

Backend & APIs: Node.js, REST APIs, Supabase, Firebase

Cloud & Tools: Docker, GCP, Cloudflare, Vercel, Git, Linux, Figma

PROJECTS

Attendance Management System – Web-Based Full-Stack System

- Developed a QR-based attendance management system supporting **1,600+ students**, operated through multiple staff scanning stations, reducing manual attendance processing by **~80%**.
- Implemented feature-based access control and automated attendance reporting.
- Built scalable backend APIs and database schema to support multi-tenant access.

Tanaw – Climate Risk Intelligence Mobile App

- Built a mobile application for climate risk visualization and real-time weather analytics.
- Implemented AI-powered hazard reporting, emergency facility locator, and geospatial climate data mapping.
- Designed a modular architecture to support real-time data updates and location-based services.

Antasis Ordering System – Web-Based Order Management System

- Developed an order management system for a printing company handling both online and offline transactions.
- Automated customer orders, production workflows, and order tracking to improve operational efficiency.

Portfolio Website

- Built a personal developer portfolio showcasing software projects, technical case studies, and demos.
- Integrated interactive previews and technical breakdowns to demonstrate system design and implementation.

PowerFitness Website

- Developed a responsive static website with mobile-first UI for a fitness service platform.

ACHIEVEMENTS

Champion, DOST: Brains and Breakthrough Pitching Competition 2025

National Finalist, AFP: Ideathon 2025 2025

Regional Qualifier, DICT: HackForGov Year 04 2025

Dean's Lister 2022 - 2025

CERTIFICATIONS

Level 3, TOPCIT | **Level 1** DICT Proficiency Examination

ORGANIZATION

Google Developer Student Club 2023 - 2024

Technical Associate

With Intensive Tutorial Session 2024 - Present

Member

EDUCATION

Bachelor of Science in Information Technology Expected 2026

University of Negros Occidental - Recoletos