

# JULES ALFONZ R. PECAOCO

Murcia | +639951022578 | jules.pecaoco.dev@gmail.com | jules-pecaoco.github.io

## SKILLS

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**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

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### 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

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**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

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

## ORGANIZATION

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**Google Developer Student Club** 2023 - 2024

Technical Associate

**With Intensive Tutorial Session** 2024 - Present

Member

## EDUCATION

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**Bachelor of Science in Information Technology** Expected 2026

University of Negros Occidental - Recoletos