

NATHANIEL D. ANOG

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EDUCATION

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES – MAIN CAMPUS

Sta. Mesa, Manila

Bachelor of Science in Computer Engineering with Specialization in Computer Networks Engineering

Sept 2026

General Weighted Average (GWA): 1.38 | Cum Laude

- DOST-SEI S&T Undergraduate Scholar – Merit Program and DOST-SEI S&T Academic Excellence Awardee
- Ranked 1st overall among first-year BS Computer Engineering students
- Achieved top-five rankings in seven departmental examinations, including 1st in Software Design and 4th in Database Management Systems

PROJECTS

EVELYN'S STORE

2026

- Developed a full-stack e-commerce web application for a local sari-sari store using Next.js, React, TypeScript, and PostgreSQL, enabling product browsing, cart functionality, checkout, order tracking, and inventory management.
- Implemented an admin dashboard for managing products, inventory, and customer orders, streamlining day-to-day store operations.

PROGESTURE: AN AI-DRIVEN HAND GESTURE-CONTROLLED PROJECTOR

2026

- Developed an AI-driven projector using Python, OpenCV, and MediaPipe to enable real-time hand-gesture controls for standalone presentations without an external laptop or physical controller.
- Built a web-based file management system using JavaScript, Flask, and Firestore for uploading, organizing, and presenting files across multiple formats, receiving a 3.66/4.00 mean evaluation score.

NEXSEEKR

2026

- Built a mobile item-tracking application using React Native, TypeScript, and SQLite, enabling users to record and retrieve the last known locations of household items.
- Implemented searchable local data persistence with SQLite, allowing users to quickly access, update, and manage saved item records directly on their devices.

EXPERIENCE

NEXUSCLOUD I.T. SOLUTIONS INC.

Ortigas Center, Pasig

IT Support Intern

Jul–Aug 2024 and Jul–Aug 2025

- Diagnosed and resolved hardware and software issues across 10+ computers, restoring system functionality and minimizing downtime during training operations.
- Configured computers, peripherals, and presentation equipment for 5+ training sessions and webinars, ensuring all technical resources were operational and ready before each session.
- Performed routine system checks and preventive maintenance on 10+ computers and peripherals, helping identify potential issues before they disrupted training activities.

ADDITIONAL

Technical Skills: Proficient in HTML, CSS, JavaScript, and React; Familiar with TypeScript, Next.js, Vue.js, Tailwind CSS, Node.js, Python, PostgreSQL, MySQL, Supabase, Firebase, Git, and GitHub

Certifications and Training: HTML Essentials, CSS Essentials, JavaScript Essentials 1, JavaScript Essentials 2, Prompt Like an Engineer, Junior Cybersecurity Analyst Career Path, CCNA: Introduction to Networks, CCNA: Switching, Routing, and Wireless Essentials, and CCNA: Enterprise Networking, Security, and Automation — Cisco Networking Academy; Cloud Foundations — AWS Academy

Languages: English (Fluent); Filipino (Native)