

KARL JOSHUA Y. ENCIO

Manila City | enciokarl@gmail.com | +63 969 316 3460 | <https://karlencio-portfolio.vercel.app>

PROFESSIONAL SKILLS

| | | | | | |
|-----------------|------------|-----------------|--------------------|-----------------|-------------------|
| AWS | React.js | C++ | Firebase | Agile | Problem Solving |
| Cloud Computing | Next.js | HTML & CSS | Firestore | Scrum | Critical Thinking |
| Docker | Node.js | Tailwind CSS | MySQL | Sprint Planning | Leadership |
| Git | JavaScript | Figma | Navicat | Waterfall | Time Management |
| GitHub | PHP | API Integration | Visual Studio Code | Daily Standups | Communication |

PROFESSIONAL EXPERIENCE

Software Engineer Intern - Infinity Eight Data Solutions Inc.

Apr 2025 - Jul 2025

- Developed a Content Management System (CMS) website for Elegho, a property management product, using Next.js.
- Designed and developed the Infinity Eight company website using Next.js with a responsive and modern UI.
- Integrated APIs for seamless data flow between frontend and backend services.
- Integrated Firebase for real-time data management, authentication, and hosting.
- Collaborated with the dev team to deploy scalable web applications aligned with product requirements.
- Utilized Git and GitHub for version control and collaborative development workflows.
- Created UI mockups and wireframes using Figma, ensuring alignment with branding and user experience best practices.

Junior System Developer Intern - FEU TECH (Information Technology Services Office)

Dec 2024 - Mar 2025

- Designed and developed the Associates Portal, including Overtime, Offset, and DMMA (Document Masterlist and Monitoring Application).
- Built and maintained the HRIS Admin for managing records related to Overtime, Offset, and DMMA.
- Implemented SQL triggers to ensure data integrity and enforce business rules.
- Designed and optimized MySQL database structures using Navicat for efficient data handling and performance.
- Integrated PDF and Excel export functionalities for generating formal records and reports.
- Worked closely with the development team to merge individual modules into the centralized Associates Portal.
- Participated in code reviews, debugging sessions, and team discussions to enhance system stability and scalability.
- Collaborated on the successful deployment and implementation of the system across FEU Institute of Technology, FEU Alabang, and FEU Diliman servers.

PROJECTS

HRIS Associates Overtime, HRIS Associates Offset, & DMMA

FEU TECH (ITSO) Internship Projects

- Developed using PHP CodeIgniter, HTML, and CSS.
- Used MySQL for database management and implemented SQL triggers to maintain data integrity.

Elegho CMS Website & Infinity Eight Data Solutions CMS Website

Infinity Eight Data Solutions Internship Projects

- Developed using Next.js, Node.js, Tailwind CSS, and Figma.
- Used Firebase, Firebase Storage, and Google Cloud API integration for database and storage solutions.

Putobooth, Spontify, and Capstone Advisor

Personal Projects

- Used React.js for Photobooth, Swift for Spontify, and PHP CodeIgniter for Capstone Advisor.
- Used MySQL as the primary database across all projects.

Implementation of RFID with SMS Integration and Database Connection

Thesis Project Role

- Programmed in C++ (Arduino IDE) using Wemos D1 to fetch RFID data and Arduino Uno to send SMS.
- Used MFRC522 for RFID reading and SIM800L V2 for SMS functionality.

EDUCATION

FEU - Institute of Technology

Aug 2021 - Nov 2025

Bachelor of Science in Information Technology with Specialization in Web and Mobile Application

ADDITIONAL INFORMATION

- Certifications:** AWS Certified Cloud Practitioner, IT Specialist - Cloud Computing, IT Specialist - Networking
- Awards:** Top Performing Student 2021 - 2022, 2TSY2122 CCSMA Dean's Lister (Bronze)