KARL JOSHUA Y. ENCIO

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