

Caesar Isidro Va-ay

0930 153 1356 | caesarisidrovaay@gmail.com | [linkedin.com/in/cnvaay](https://www.linkedin.com/in/cnvaay) | github.com/lrreverence

EDUCATION

University of the Philippines Cebu

Bachelor of Science in Computer Science

Cebu City, Cebu

Aug. 2022 – Present

Philippine Science High School - MIMAROPA Region Campus

With High Honors - STEM Strand

Odiongan, Romblon

Aug. 2016 – May 2022

DOST-SEI Scholarship Recipient

EXPERIENCE

Full-Stack Developer Intern

September 2024 – November 2024

Bayoa Analytics

Mandaue City, Cebu

- Optimized database performance by 30%, as measured by faster query execution times, by creating and refining database schemas for deals and pipeline stages to ensure efficient data storage and retrieval
- Developed and tested CRUD APIs for deals and pipeline stages, resolving 14 issues and contributing to improved CRM functionality and a successful deployment
- Designed and implemented a card-based UI for pipeline summary, enhancing visual clarity and user interaction, as measured by positive user feedback, by organizing pipeline data into concise and visually appealing cards with key metrics

Hackathon Project Lead - Komsai Week 2025

March 2025

University of the Philippines

Cebu City, Cebu

- Led the development of wAIs, an AI-powered machine learning smart grocery companion, helping Filipino consumers make smart shopping decisions by predicting optimal times and places to purchase everyday staples
- Oversaw frontend development using Vue.js, creating an intuitive user interface
- Managed the data processing, cleansing, and preparation from da.gov.ph to ensure accurate predictions
- Directed backend development with Django to handle API requests, data processing, and machine learning model integration using Keras for price prediction based on historical market data

Computer Science Tutor

Sep. 2023 – Present

Teaching and Learning Resource Center

Cebu City, Cebu

- Provided academic support in CMSC 11 (Intro to Computer Science), CMSC 21 (Fundamentals of Programming), CMSC 56 (Discrete Math), and CMSC 123 (Data Structures), mentoring students through foundational and intermediate computer science concepts
- Designed and delivered clear explanations, coding exercises, and problem-solving strategies to help students grasp foundational and advanced topics such as recursion, graph theory, and memory management

PROJECTS

Vulos | *Typescript, Next.js, CSS, Sanity*

June 2024 – Present

- Developed a full-stack e-commerce platform for a thrift store with complete product listing and checkout functionality, by using TS, Next.js, CSS, and Sanity for headless CMS integration.
- Improved page load speed by 35%, as measured through Lighthouse performance scores, by optimizing images, minimizing CSS, and leveraging Next.js static generation and SSR
- Enhanced responsiveness across devices by applying mobile-first design and custom CSS styling

Sensomatic Solutions | *Javascript, HTML, CSS*

May 2023 – July 2023

- Developed a responsive website for a smart home technology startup, enabling seamless presentation and product promotion for Sensomatic Solutions' innovative sensor-based products
- Collaborated with industrial technology graduate students to create a user-friendly and functional website, translating complex product features into clear, accessible web content

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL, JavaScript, HTML/CSS, R, TypeScript

Frameworks: React, Node.js, Flask, Vue.js, Django, Tailwind CSS, Next.js, Angular

Developer Tools: Git, Docker, Google Cloud Platform, AWS, Azure, VS Code, PyCharm

Databases: PostgreSQL, MySQL, MongoDB, Firebase