Ethan Sancho J. Yap

0988-777-6655 | youremail | https://github.com/ram6000mhz | https://your website portfolio

Skills

Java | Flutter | Firebase | Python | HTML | CSS | JavaScript | Tailwind CSS | React | Laravel | PHP | MySQL | PostgreSQL | Oracle Database | Machine Learning| Artificial Intelligence | Facial Recognition | Embedded Systems | Edge AI | UI/UX | Mobile Development | Web Application | OOP | Frontend | Backend | Full-Stack | Git

Experience

Researcher/Programmer **Thesis for Lightweight Face Recognition System** **2024 - 2025 Current**

- Developed the user interface and exported the project into an executable capable of running on operating systems with a 64bit architecture.

Fullstack developer **Magic Transport web app** **2023 - 2024**

- Designed and developed the UI/UX of the full stack web application along with the booking system and the design of the no sql database architecture used by the application.

Software developer **Technological Institute of the Philippines Artificial Intelligence (TIPAI) Chatbot** **2024**

- Developed and trained Technological Institute of the Philippines Artificial Intelligence Chatbot implemented in Python and Java.

Mobile developer **Math Solve** **2024**

- Designed and developed the math game logic and game mechanics along with the application's user interface.

Mobile developer **BBC: Bake, Brew, and Cook** **2023**

- Designed and developed the User Interface of the food recipe application.

Projects

Researcher/Programmer **Thesis for Lightweight Face Recognition System** **2024 - 2025**

- A Lightweight face recognition system made in Python that can run on hardware constrained 64 bit systems

Fullstack developer **Magic Transport web app** **2023 - 2024**

- A full stack bus trip booking web application made using Flutter and Firebase, complete with hosting, authentication, and a database.

Software developer **Cipher Pad** **2024**

- A notepad with aes encryption and decryption made in Python.

Software developer **Technological Institute of the Philippines Artificial Intelligence** **2024**

- A chat bot designed to answer questions related to the Technological Institute of the Philippines using Python and MySql.

Mobile developer **Math Solve** **2024**

- A math game that generates a basic math operation problem (+,-,/,*) to answer. With timer, score multiplier, score board, and problem difficulty scaling features in Flutter.

Mobile developer **BBC: Bake, Brew, and Cook** **2023**

- Recipe catalog app made in Flutter with working search bar and favorites page.

Education

Bachelor of Science **Technological Institute of the Philippines** **2021 - 2025**

- Bachelor of Science Computer Science (Ongoing)

Others

- Completed the Java programming course by Digital Arts on (May 11, 2024) and is given a certificate.
- Experience in tinkering with computer and laptop hardware, performing disassembly, assembly, cleaning, and diagnosing proper installation of components.
- Experience in handling precision tools for computer/laptop maintenance.
- Experience in setting up operating systems linux/windows on computers and laptops.