

Ken David M. Yang

seconenkacc@gmail.com ❖ 09695169719 ❖ Marilao, Bulacan ❖ github.com/KenDavidYang

EDUCATION

Polytechnic University of the Philippines

Oct. 2021 – Oct. 2024

Diploma Information Communication Technology

Santa Mesa, Manila

- **GPA: 1.27**; Presidents List

WORK EXPERIENCE

F.S. Dulalia Homes Realty

Apr. 2025 – Current

Software Engineer

Quezon City

- Architected and managed a highly available Payroll and Time & Attendance System on AWS (EC3/RDS/MySQL). Collaborated with the Finance Department to validate logic and ensure 100% data accuracy and full regulatory compliance.
- Spearheaded the multi-site deployment of biometric time clocks; defined vendor specifications and integration points with the central server via RESTful APIs and meaningful queries.
- Developed the proprietary employee authentication system using a Django backend to integrate facial recognition, simultaneously reducing redundant code and improving readability, maintainability, and efficiency by 40%.
- Provided comprehensive technical support for all internal hardware and software, reducing average system downtime through proactive troubleshooting and comprehensive system documentation, including data flow diagrams.

Additional Skills

- **Creative Design:** Proficiency in **Adobe Photoshop, Illustrator and Davinci Resolve** for creating internal marketing materials, plaques, and event visuals.

NTEK Systems (Internship)

Mar. 2024 – Jul. 2024

3D Designer / Programmer

Quezon City, Manila

- NTEK Systems focuses on creating innovative smart devices and intelligent solutions that enhance everyday living and business operations for customers around the world.
- Lead 3D designer for our team, collaborating with artists and programmers to create immersive virtual environments.
- Programming and Bug fixing for our Unity game to enhance gameplay mechanics and ensure a smooth user experience by incorporating user feedback and iterative testing

Mandaluyong City Hall - Civil Registry Dept. (Internship)

Aug. 2023 – Sept. 2023

IT Support

Mandaluyong, Manila

- Ensures the efficient processing of registrations, such as births, marriages, and deaths, for the community.
- Participated in "Kasalan sa Piitan" program and oversaw tarpaulins, invitation cards, marriage photos, and various designs to ensure a memorable event for couples and their families.
- Created a Dashboard to track marriages to streamline data entry and reporting processes for the department.
- Processed Marriage Certificates and record amendments
- General tech support around the office; maintenance of printers, computers, programs, and providing guidance to staff on software applications and troubleshooting procedures.

SKILLS & INTERESTS

- **Programming Languages** Python, Javascript/TypeScript, HTML, CSS, PHP
- **Software Proficiency** Blender, Photoshop, Illustrator, Davinci Resolve, Linux, Git, Docker
- **Database** MySQL
- **Interests** Music, Books, Art, Games, Hiking, Tech, Puzzles, DIY, Cooking.

- **Languages** Tagalog, English, Japanese

PROJECTS

E-Commerce Website with 3D Integration

- Previews the products being sold using a 3D viewer. A with an ordering system, online payment, login/signup, and a MySQL database, hosted locally with Apache.
- **Technologies:** HTML, CSS, Javascript, PHP, MySQL, Docker, Apache, ThreeJS, Blender
- <https://github.com/KenDavidYang/AVC>

Discord Bot

- Developed a general-use bot that responds to various commands, including games like roshambo, coin flips, and magic 8 ball, as well as providing compliments.
- **Technologies:** Python, Discord API
- <https://github.com/KenDavidYang/discord-bot-general>

Auto Anki

- Automates the flashcard creation for the App “Anki”
- **Technologies:** Python, Tkinter, Pyinstaller
- <https://github.com/KenDavidYang/Auto-Anki>

Bet Maker

- Allows users to create personalized bets to motivate themselves
- **Technologies:** Javascript/Typescript, React, Electron, HTML, CSS
- <https://github.com/KenDavidYang/Bet-Maker>

Mock Clothing Store

- A mock front-end that sells clothing
- **Technologies:** HTML, CSS, Javascript
- <https://github.com/KenDavidYang/MockClothingStore>

School Attendance System

- A non-contact attendance system for students and professors alike during the peak of the pandemic.
- **Technologies:** Java, MySQL
- <https://github.com/KenDavidYang/AttendanceSystem>

Weebly Tech Accessory Store

- A mock web store which promotes and sells recyclable tech accessories.
- **Technologies:** Weebly
- <https://recyclableaccessories.weebly.com/>

References

Name: Nicole Ricafort
Title: Service Contractor – IT
Company: Civil Registry Department
Phone: 09617309971
Email: Nicolericafort22@gmail.com

Name: Camilo P. Abogado
Title: Assistant Professor
School: Polytechnic University of the Philippines
Phone: 09950680014
Email: cpabogado@pup.edu.ph