

Ken David M. Yang

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EDUCATION

Polytechnic University of the Philippines <i>Diploma Information Communication Technology</i>	Oct. 2021 – Oct. 2024 Santa Mesa, Manila
▪ GPA: 1.27; Presidents List	

WORK EXPERIENCE

F.S. Dulalia Homes Realty Software Engineer	Apr. 2025 – Current 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) 3D Designer / Programmer	Mar. 2024 – Jul. 2024 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) IT Support	Aug. 2023 – Sept. 2023 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
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