

# KENANIAH DANIEL SUMANG

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## SKILLS

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- Python, Java, SQL, HTML, CSS, JavaScript, PHP

## WORK EXPERIENCE

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### Big Outsource | IT Support Intern

06/2024 – 07/2024

- Resolved agents' technical problems with their system units.
- Fixed internet connection issues of system units.

### Frontline Business Solutions | Web Design and Development Trainee

06/2023 – 07/2023

- Learned website designing from UI mockup to a functional and responsive webpage using HTML and CSS, along with the utilization of website development tools particularly, Tailwind CSS, and SASS (Syntactically Awesome Style Sheets).
- Employed the acquired skills for creating the training's output requirements such as responsive clone webpages particularly Apple, and Visual Studio Code clone webpages.
- Accomplished all the requirements, completing the training as top 2 performer.

## PROJECTS

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### Solar powered automated trash bin | Device Development

- Built an Arduino based solar-powered automated trash bin with the client's requested specifications such as trash bin's automated lids, fullness indicator function that involves a light indicator, at the same time disabling the lid of the bins that are fully loaded, and a button that opens the lid of all the stuffed bin for emptying.
- Designed the device's hardware and solved a code problem in the function for synchronous opening of lids, making it work according to the client's requested functionality.

### Student attendance monitoring device | Device Development

- Developed an Arduino based attendance monitoring device for a client, which works by connecting into a laptop/computer, allowing the attendance data containing the student's name, time in/time out, and the reason of tardiness, to be saved directly in a csv file in the computer.
- Designed and developed the device's hardware, worked with the team in developing the device's code.

### Automated Sprinkler | Device Development

- Created an automated sprinkler device with scheduled watering, spraying pesticide, and monitors the soil humidity
- Fabricated the device's parts such as the pesticide pump, pesticide solution mixer tank, and other parts.
- Helped the team develop the code to accomplish the proper sequential working process of each part and functionalities of the device.

## EDUCATION

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### Laguna College

Bachelor of Science in Computer Science (09/2021 – 06/2025)

### Laguna College

STEM (Science, Technology, Engineering, and Mathematics) (06/2017 – 05/2019)

## CERTIFICATIONS

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### Web Design and Development

Frontline Business Solutions (07/2023)