



KURT MARTEN SARDES

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ABOUT ME

I am a Computer Science student of Holy Angel University with a solid foundation in backend development and programming. Skilled in Python and some experience in Java, I also have good experience in DBMS (Firebase NoSQL, PostgreSQL, and Supabase). I have some experience in frontend development using JavaScript, JSX, and React to build responsive and interactive web applications. I demonstrate solid logical reasoning and problem-solving abilities. I am adaptive and willing to learn new concepts and technologies to further expand my tech-stack. I also possess basic knowledge in the application of machine learning concepts and models, with the ability to contribute to research-oriented projects. Recognized as a flexible, dependable, and collaborative team player who can perform effectively under pressure while maintaining high-quality standards.

EDUCATION

HOLY ANGEL UNIVERSITY

Bachelor of Science in Computer Science

Angeles City, Pampanga

2022-PRESENT

Thesis: SmartTarget : Context-aware Advertising Using Camera Sensors in

Clothing Stores Using Faster R-CNN and SVM

Achievements: Dean's List 2022-2025

HOLY ANGEL UNIVERSITY

Senior High School

Angeles City, Pampanga

2020-2022

Graduated with Honors

NOTABLE PROJECTS ACCOMPLISHED

SmartTarget: Context-aware Advertising Using Camera Sensors in Clothing Stores Using Faster R-CNN and SVM

Backend Developer and Project Manager

2024-2025

- Backend developer for SmartTarget who **implemented Faster R-CNN and SVM algorithms**, developed core backend features in **Python**, and trained the models to enable real-time object detection and classification through camera sensors.
- Served also as the Project manager of the team, checking everyone's development progress through **Github Actions**, and guiding members through **Messenger and Discord** in completing their assigned tasks.
- <https://github.com/Sardzzzz/thesis-project>

From The Pen:Simple Notes App powered by Flutter and Firebase

Backend Developer

2024-2024

- Developed most of the backend core functionalities through **Flutter and Dart**
- Responsible for the integration of **Firebase** into the Flutter application to enable seamless data storage and synchronization across devices.
- <https://github.com/kevinzekee/notes-app>

DALI Everyday Grocery: Inventory Management System

Backend and Frontend Developer

2025-2025

- Responsible for the addition of core functionalities (CRUD) through **TypeScript**.
- Connected and created the **SupaBase database** allowing for authentication, data storage, and implemented role-based access.
- Created the basic template of pages to be followed as a guide by the rest of the team.
- https://github.com/GuilianiHatsu1k1314/apsi_inventory_app

CERTIFICATIONS & TRAINING

CyberThreat Management - Cisco 2024

- Gained understanding on how to do a network vulnerability assessment and create a risk management plan, as well as post-incident response.

CCNA - Introduction to Network - Cisco 2024

- Gained foundational knowledge in networking, routing, and IP addressing.

JavaScript Essentials 1 - Cisco 2025

- Built a foundation in JavaScript programming, focusing on syntax, problem-solving.

AWS Academy Graduate - AWS Academy Cloud Foundations - AWS, 2024

- Gained essential knowledge of the AWS Cloud, including the primary cloud services

English for IT 1

- Gained the ability to read, write, and present using technical English

SKILLS

TECHNICAL:

- Python
- Java
- Firebase NoSQL
- PostgreSQL
- Supabase
- JavaScript
- JSX
- React
- Dart
- Machine Learning - Faster R-CNN, SVM
- Machine Learning Model implementation & application.

SOFT:

- Problem-Solving
- Logical Reasoning
- Adaptive
- Willingness to Learn
- Collaborative
- Communicative
- Composed
- Research-Oriented Thinking
- Leadership

LANGUAGE

- Filipino
- English B2 - Upper-Intermediate English

REFERENCES

MR CHRIS ALMOCERA
PRACTICUM COORDINATOR
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MR GIAN TOLIBAS
THESIS ADVISOR
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