Berna Alhambra

bernaaa.alhambra@gmail.com | 09157965738 | Silang,Cavite | github | **linkedin**

EDUCATION

Lyceum of The Philippines University   **2022-Present**

Bachelor of Science in Computer Science   *General Trias, Cavite*

SUMMARY

A passionate and dedicated Computer Science student at Lyceum of the Philippines University Cavite, actively working on AI-powered solutions and web development projects. Always eager to learn, collaborate, and create impactful technology solutions.

PROJECTS

Astreon | *Django, GeminiAPI, React, PostgreSQL*
- Developed a personalized AI study assistant using Django and React that focuses on spaced repetition study technique.
- Integrated with Gemini API to enable dynamic and AI-driven response.
- Design with PostgreSQL to manage user's personal learning data
- Implemented REST APIs to connect the frontend and backend.

Abala | *Django,HTML,CSS*
- Created an Ecommerce website that focuses on selling Filipino products.
- Implemented CRUD functionalities and implemented list sorting for enhanced user experience
- Utilized the use of trivias based on the products and to showcase the history of the Philippines.

Etch a Sketch | *HTML,CSS,JavaScript*
- Developed an etch a sketch browser based that colors the grid when hovered..
- Implemented a dynamic grid creation to customize the sketching functionality.
- Utilized DOM manipulation and event handling to create the drawing and creating grid

LEADERSHIP/CERTIFICATIONS

Project Manager
- Led a team of 4 members to develop an AI-powered study buddy app using Django and React.
- Utilized agile methodology to manage sprint planning, and task assignments to properly deliver the product

Information Technology Specialist   **2024**

Python