Berna Alhambra

Cavite, Philippines

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Technical Skills

Languages: Python, HTML/CSS, JavaScript, SQL
Frameworks: Django(with REST),React,Bootstrap
Tools & Technologies: VS Code, Eclipse, Git,Github,Docker,Figma

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 grids

Certifications

Information Technology Specialist   **2024**
Python

Leadership / Extracurricular

Astreon

Project Manager   *Lyceum of the Philippines University*
- 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.

Education

Lyceum of The Philippines University   **2022-2026**
Bachelor of Science in Computer Science   *General Trias,Cavite*