



PEARL CALAPE

ASSOCIATE SOFTWARE ENGINEER



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My website link

EDUCATION

Bachelor of Science in Computer Engineering
Bohol Island State University Main Campus
📅 08/2020 - 05/2024

RELEVANT COURSEWORK

- Programming Logic and Design
- Data Structures and Algorithms
- Operating Systems
- Database Systems
- Software Engineering and Design
- Object-Oriented Programming
- Computer Networks and Security
- Computer Architecture and Organization
- Artificial Intelligence

SUMMARY

Self-motivated graduating student of Computer Engineering who is passionate about programming and adept at creating innovative software applications. I bring a diverse skill set to the table including C, C++, HTML, CSS, JavaScript, MongoDB, MySQL, Spanner, React JS, Tailwind CSS, Express JS, Java and Golang. I am eager to contribute my knowledge and skills to a dynamic team as an Associate Software Engineer.

CERTIFICATE

TVL-ICT (NCII)
Bohol Island State University Main Campus
📅 2017-2019

EXPERIENCE

Alphaus Inc. Japan
Intern
📅 01/2024 - 03/2024

Database Administrator for Spanner, the goal is to create, implement, and launch a data ingestion system that can handle a constant flow of input data. This system will analyze the data to pinpoint the three most costly services, identify the historically least expensive service, and compute the total message count processed. Furthermore, the system will produce a report and transmit it to Slack for convenient client access and real-time monitoring on a per-minute basis.

PROJECTS

VIRGIE: Avon Catalog Website

Developed a full-stack web application for an Avon Catalog Website, providing users with a seamless experience to browse and like Avon products. The project focused on implementing features like search functionality, product categorization, and user engagement through the liking system.

AVON E-Commerce Website

Develop the backend system for a full-fledged e-commerce website where users can browse, like, add products to the cart, and place orders. Additionally, implement a robust admin panel for managing products, categories, and user orders.

PUBLICATIONS

Calape, P. G., Balili, R. C., Cai, D. L. (2024).
Adultlink: comprehensive real-time monitoring & alerting system for elderly care using IOT technology. Bohol.

SKILLS

<u>C</u>	<u>C++</u>	<u>HTML</u>	<u>CSS</u>	<u>Javascript</u>
<u>MongoDB</u>	<u>MySQL</u>	<u>Spanner</u>	<u>Golang</u>	
<u>React JS</u>	<u>Tailwind CSS</u>	<u>Express JS</u>		
<u>Java</u>				

PERSONAL INTEREST

Chess : participation in chess tournaments and reaching national level showcase my commitment, analytical skills, and the drive to achieve excellence, which are valuable attributes in various professional settings.