PEARL CALAPE

ASSOCIATE SOFTWARE ENGINEER

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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

Motivated graduating Computer Engineering student with a passion for programming and a talent for developing innovative software applications. I possess a diverse skill set, encompassing C, C++, HTML, CSS, JavaScript, MongoDB, MySQL, Spanner, React JS, Tailwind CSS, Express JS, Java, and Golang. I am enthusiastic about leveraging my expertise as an Associate Software Engineer to contribute to a dynamic team.

CERTIFICATE

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

EXPERIENCE

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

In my role as a Database Administrator at Spanner, I am tasked with developing, implementing, and deploying a data ingestion system that can efficiently manage a continuous stream of input data. This system is designed to analyze the data in order to identify the top three most costly services, pinpoint the historically least expensive service, and calculate the total message count processed. Furthermore, the system will produce a report and deliver 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

Developed 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

C   C++   HTML   CSS   Javascript

MongoDB   MySQL   Spanner   Golang

React JS   Tailwind CSS   Express JS

Git

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.