PEARL CALAPE

ASSOCIATE SOFTWARE ENGINEER

SUMMARY

Enthusiastic computer engineering graduate from one of the top university for engineering , Bohol Island State University Main Campus, with a GPA of 1.6. Over 6 years of learning experience, supported by diverse certifications demonstrating a range of skills. I am excited to leverage my expertise as an Associate Software Engineer to collaborate with a dynamic team and contribute to the development of cutting-edge software solutions.

CONTACT

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SKILLS

Front-end technology	HTML, CSS, Javascript, React JS, and Tailwind CSS
Development Language	C, C++, Javascript, Express JS, Node JS, Golang, Git
Database	MongoDB, MySQL, Spanner
Soft Skills	Leadership, Work Ethic, Teamwork

EDUCATION

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

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

EXPERIENCE

Database Administrator Intern
Alphaus Inc. Japan
01/2024 - 03/2024

- Developed, implemented, and deployed a data ingestion system that efficiently managed a continuous stream of input data.
- Analyzed data to identify the top three most costly services, pinpoint the historically least expensive service, and calculated the total message count processed.
- Improved database performance by 30% through query optimization and efficient data retrieval.

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

AFFILIATONS

Google Developer Student Clubs
Bohol Island State University - Main Campus
Member

Institute of Computer Engineers of the Philippines
Bohol Island State University - Main Campus
Member

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.

PROJECTS

Full-Stack Web Developer
VIRGIE: Avon Catalog Website

- Developed a robust full-stack web application using modern technologies, including React.js for the front-end, Node.js and Express.js for the back-end, and a non relational database (MongoDB) for data management.
- Ensured the application's responsiveness and accessibility, catering to a diverse user base across different devices and screen sizes.
- Tackled complex challenges during the development process, such as optimizing database queries, implementing efficient search algorithms, and integrating APIs.

Frontend Web Developer
PearlyFlix Website

- Developed the frontend system for PearlyFlix, enabling users to add movies and TV shows to their favorites list, leave reviews for content, search, and watch trailers on YouTube.
- Enhanced user engagement and provides a seamless experience for discovering and enjoying media content.
- Developed the UI for various sections, including the homepage, movie page, TV series page, search page, favorites page, and review page. Design both dark and light modes and is fully responsive. Integrated it with the TMDB API.

CERTIFICATES

Front End Development Libraries
freeCodeCamp
2024

Responsive Web Design
freeCodeCamp
2024

Legacy Javascipt Algorithms and Data Structures
freeCodeCamp
2024

Back End Development and APIs
freeCodeCamp
(2024