

Rigen Bulawan Suringa

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EDUCATION

VISAYAS STATE UNIVERSITY MAIN CAMPUS, 2022 - present

Baybay City, Leyte, Philippines

Bachelor of Science in Computer Science (Consistent Academic Scholar)

MULTIPLE INCOME CREATING PROJECT (MIC P), 2011 – 2013

Baybay City, Leyte, Philippines

Information Communication Technology

TECHNOLOGIES ANG LANGUAGES

- **Languages:** C, C++, C#, Java, Python, JavaScript, PHP, CSS
- **Technologies:** MySQL, NuxtJs Framework, Vercel, GitHub, Tailwind CSS, React

PROJECTS

VSU PESTICIDAL BOTANICAL SYSTEM

Visayas State University, 2024

- Helped to refine the initial system's sitemap layout, making targeted adjustments to optimize its structure and better align with project goals.
- Implemented Google Maps functionality, including adding and removing markers for plant locations, improving user interactivity, and map accuracy.
- Implemented the whole admin-side pages, which include adding, removing, editing, and geotagging plants.
- Conducted thorough website testing and identified/reported bugs, ensuring a seamless user experience.

TICKETEASE

Visayas State University, 2024

- Set up GitHub and installed necessary libraries, optimizing the development environment to increase efficiency and reduce development time, leading to faster project completion.
- Researched the ticketing system flow.
- Designed the entity relationship diagram to map out the structure of the system and successfully implemented it using MySQL.
- Implemented a functional account security system using Google API, ensuring robust protection and seamless integration for user authentication, and used the Google API to manage the process of sending tickets to customers.
- Developed a comprehensive desktop ticketing system, utilizing C#, .NET framework and SMTP configuration.
- Prepared detailed documentation, which features an in-depth description of system functionalities and a use case diagram to effectively illustrate user interactions and system processes.

PAGATPAT KIOSK

Visayas State University, 2024

- Documented all client meetings to capture and detail the required features and specifications for the system, ensuring that all project requirements were accurately recorded, communicated, and addressed throughout development.

ONLINE TICKETING SYSTEM

Mic P, Thesis 2013

- Engineered the database layout and proposed the most suitable DBMS to meet the system requirements, ensuring an optimal fit for the project's needs.
- Designed the user interface that is easy to navigate, prioritizing simplicity and usability to enhance the overall user experience.

OTHER

Extracurricular: Active Member of VSU Computer Science Student Society since 2022

Award: Awarded College honor for the first semester of the first year