

# Rigen Bulawan Suringa

Baybay City Leyte, Philippines • 09662313505 • rigensuringa@gmail.com

## EDUCATION

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**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

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- **Languages:** C, C++, C#, Java, Python, JavaScript, PHP, CSS, X86 Assembly
- **Technologies:** MySQL, Postgres, NuxtJs Framework, Vercel, GitHub, Tailwind CSS, Java Server Page

## PROJECTS

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### VSU BOTANICAL SYSTEM

*Visayas State University, 2024*

- Helped to refine the initial 60% of the system sitemap layout, making targeted adjustments to optimize its structure and better align with project goals.
- Proposed a 100% functional sample map marker using Google API to integrate into our project, replacing the initially agreed-upon Leaflet solution.

### TICKETEASE

*Visayas State University, 2024*

- Set up GitHub and installed necessary libraries, optimizing the development environment to increase efficiency and reduce development time by 10%, leading to faster project completion.
- Done 100% of the researched about the ticketing system flow.
- Designed 100% of the entity relationship diagram to map out the structure of the system and successfully implemented it using MySQL.
- Implemented a 100 % fully 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 successfully a 100% 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 50% of the user interface that is easy to navigate, prioritizing simplicity and usability to enhance the overall user experience.
- Lead and developed the 70% of the online ticketing system utilizing PHP, Java Server Page and PostgreSQL for the database.

## OTHER

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

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