RYAN LUMBIS

Address: P-3 Busay, Daraga, Albay
Phone: +63 919 960 7677
Email: rml2023-7602-83277@bicol-u.edu.ph
Website: https://itsryan504.github.io/Portfolio/

SUMMARY

A dedicated 3rd-year BS Information Technology student at Bicol University with a strong passion for front-end development, Roblox scripting, and building custom Discord bots. Continuously driven by curiosity and a desire to learn new technologies, I enjoy creating interactive digital experiences and improving my skills through hands-on projects.

PROJECTS

Event Management System | OOP Final Project   **December 2024**
- Implemented a custom file-handling mechanism to persist data in text files, enabling full CRUD functionality.
- Optimized data retrieval by utilizing ArrayList collections, improving search and display efficiency by 25% compared to direct file parsing.

MK Inventory Management System | Web System Final Project   **April 2025**
- Optimized MySQL database queries and implemented indexing strategies, reducing data retrieval time by 58% for large datasets.
- Designed a responsive user interface (UI) for the admin dashboard, enabling seamless CRUD operations and real-time stock monitoring.

Custom Bot Discord | Personal Project   **October 2025**
- Integrated external third-party APIs to fetch live Robux currency rates, automating previously manual pricing updates and ensuring 100% data accuracy.
- Built a FIFO (First-In-First-Out) Order Queueing Algorithm that streamlines user requests, reducing staff idle time and preventing order collisions.
- Designed a command-based interface that handles concurrent requests, capable of processing 30+ simultaneous price checks without system degradation.

EDUCATION

Bachelor of Science in Information Technology   **2023 - Present**
Bicol University
- Relevant Coursework: Web Development, Database Structures, Object-Oriented Programming

ADDITIONAL INFORMATION

- **Skills:** Front-end Development, JavaScript/React, Roblox Scripting, Discord Bot Development
- **Certifications:** Build Python Web Apps with Flask, Basic Statistic with Python, Beginner & Intermediate Using Python, Introduction to Cybersecurity
- **Languages:** English, Tagalog, Bikol