Joshau Luis T. Alboleras

CONTACT

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SKILLS

Laravel
● ● ● ● ●

CSS
● ● ● ● ●

JavaScript
● ● ● ● ●

PHP
● ● ● ● ●

MySQL
● ● ● ● ●

PYTHON
● ● ● ● ●

JAVA
● ● ● ● ●

EDUCATION

Bachelor Of science and Information Technology   2025
SLSU Bontoc Campus
85

PROJECTS

Bech Resort Booking System

A Beach Resort Booking System is a digital platform that allows customers to reserve accommodations and potentially other services at a beach resort online. It streamlines the reservation process, provides real-time availability, and enables online advertising to increase bookings. This system manages all aspects of reservations, including booking, payments, confirmations, and receipts.

Anti Bullying System

This project presents the deployment and implementation of a real-time Internet of Things (IoT)-based anti-bullying system designed for campus environments. The system leverages ESP32 microcontrollers, LoRa wireless communication, and GPS technology to track the location and movement of students in real time. When suspicious or unauthorized movement is detected, the system automatically triggers alarm notifications via the LoRa network. These alerts, along with location and movement data, are visualized on a centralized web application, enabling school administrators to monitor incidents and respond promptly. The platform features a real-time graphical interface to support immediate decision-making and policy enforcement. By providing continuous monitoring and instant alerts, this IoT-based solution enhances student safety and fosters a secure and supportive learning environment.