



John Lorenz Mayo

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Banaybanay, Lipa City, Batangas

PROFILE SUMMARY

Motivated and results-driven BS Information Technology graduate seeking a challenging position within a large organization as a cyber security trainee. Seeking a strong foundation in cyber security to integrate in software and web development with a proven ability to drive efficiency, deliver successful outcomes and collaborate within cross-functional teams.

EDUCATION

Bachelor of Science in Information Technology 2021-2025
Major: Business Analytics
Batangas State University TNEU - Lipa Campus

PROJECTS

Parts Procurement System Integrated with Predictive Data Analytics

4th Year Project, Capstone Project

Developed a MERN Stack Parts Procurement System, a web based application using MongoDB for the database, Express.js for the backend, React for the frontend, and Node.js for the server environment. Integrated with Tensorflow JS Node for predictive data analytics using JavaScript, enabling detailed analysis of procurement trends, and sales and expenses performance. Hosted online, the system enhances decision-making and operational efficiency.

RGO-Lipa Inventory Management System with Stock Viewing Dashboard

3rd Year Project, System Integration and Architecture

Developed an inventory management system with distinct roles for Admins, Employees, and Clients (students). Built using HTML, CSS, JavaScript, PHP, SQL, and Tailwind CSS for styling, with AJAX jQuery for dynamic functionality. The database is managed via PHPMyAdmin in XAMPP.

WakeNav: Alarm Navigation Flutter Application

4th Year Project, Application Development and Emerging Technologies

Developed Wakenav, a location-based alarm app using Flutter to help travelers avoid missed stops. Leveraging GPS technology, it tracks real-time location and triggers an alarm when approaching a set destination, allowing users to relax or nap without worry.

EXPERIENCE

Website Developer and Maintenance Intern

BatStateU KIST Park Office, STEER HUB Building, BatsStateU-TNEU - Alangilan Campus

Maintained and enhanced the KIST Park website to improve functionality and user experience across devices. Designed and implemented additional pages to provide essential information for future locators and STEER Hub service users. Developed a responsive and user-friendly UI. Created a MERN stack web application to streamline blog content management and facilitate easy blog posting on the website.

TECHNICAL SKILLS

- Proficient in HTML, CSS and Javascript
- Efficient with PhpMyAdmin SQL, MongoDB
- Experienced with React, Node.js, Next.js
- RESTful APIs
- Proficiency with Python, PHP and .NET
- Git version control
- GIsI and ThreeJs

REFERENCE

Ryndel Amorado, DIT

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Batangas State University TNEU - Lipa Campus
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