

# JUSTIN RICH M. DIMAANDAL

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## EDUCATION

### University of Batangas

Bachelor of Science in Information Technology

August 2021 – June 2025

- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Web Development, Systems Analysis and Design, Mobile Application Development
- **Organizations:** Brahman Integrated Computing Society (BRICS)
- **Awards:** Cum Laude, Student Achiever Awardee 2025

## EXPERIENCE

### IT Programmer Intern

January – May 2025

Mitsubishi Power (Philippines) Inc.

Ag & P SEZ, San Roque, Batangas, Philippines

- Designed and deployed a **Disposal Management Application** using Microsoft Power Apps and SharePoint, streamlining asset disposal requests across **4+ departments** and cutting processing time by **40%**.
- Developed a **CATAF Request System** for the Finance Department, automating approval workflows and reducing manual paperwork by **over 60%**.
- Integrated **SharePoint lists** and **Power Automate flows** to centralize data management and ensure secure, real-time tracking of requests.

## PROJECTS

### One Tingloy | Capstone Project | PHP (CodeIgniter), MySQL, JavaScript, Bootstrap

- Developed a **full-stack tourism management system** for the Municipality of Tingloy, centralizing all tourist destinations and transient houses.
- Implemented a **booking and reservation module** to streamline accommodation requests across departments.
- Built a **role-based CMS** enabling non-technical staff to manage listings and content independently.

### LakBayan | Collaborative Academic Project | Python, Kivy

- Engineered an **interactive mobile application** that gamifies Philippine history for preschool students.
- Developed 4 **modular learning categories**—National Heroes, National Symbols, Places, and Festivals—featuring dynamic quizzes and a matching-card mini game with real-time feedback.
- Implemented a **persistent leaderboard system** with optimized data handling for performance on low-end devices.

### Personal Portfolio | React, TypeScript, Tailwind CSS, Vite

- Developed a **single-page static portfolio website** with a clean, responsive layout and reusable components.
- Deployed via **Vercel** with CI/CD integration for automatic updates and version control.
- Achieved **88+ Lighthouse performance score** through Tailwind optimization and efficient bundling with Vite.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, C++, PHP

**Web:** HTML5, CSS3, React, Tailwind CSS, Bootstrap, CodeIgniter, RESTful APIs

**Tools:** Git, GitHub, VS Code, PyCharm, Figma, Vercel, Microsoft Power Platform, Agile/Scrum

**Database:** MySQL

## CERTIFICATIONS

CompTIA IT Fundamentals (ITF+) – CompTIA

May 2025

AWS Academy Graduate – AWS Academy Cloud Foundations – AWS Academy

December 2024

Cybersecurity Essentials – Cisco Networking Academy

May 2024