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
- *Awards:* Cum Laude, Student Achiever Awardee 2025

EXPERIENCE

Mitsubishi Power (Philippines) Inc.   *January – May 2025*

IT Programmer Intern   *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 **100% of registered tourist destinations and 40+ transient houses**.
- Implemented **a booking and reservation module** to streamline accommodation requests by **70% across departments.**
- Built a role-based CMS enabling **10+ municipal staff** to manage listings and content without technical assistance.

LakBayan - *Collaborative Academic Project | Python, Kivy*

- Engineered an **interactive mobile app** that gamifies Philippine history for preschool students, resulting in **40% faster learning engagement** in pilot testing.
- Developed **4 modular learning categories** with dynamic quizzes and a matching-card mini game providing **instant feedback and progress tracking**.
- Implemented a **persistent leaderboard system** optimized to maintain **smooth performance on devices with <2 GB RAM**.

Personal Portfolio - *Personal Project* **|** *React, TypeScript, Tailwind CSS, Vite*

- Built a single-page portfolio site with **100% mobile responsiveness** and modular reusable components.
- Deployed via Vercel with CI/CD integration, cutting deployment time from **15 min to under 1 min**.
- Achieved **88–96 Lighthouse score** across all categories by optimizing Tailwind setup and bundling with Vite.

CERTIFICATION

AWS Academy Graduate – AWS Academy Cloud Foundations – AWS Academy   *Acquired December 2024*

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C++, PHP
Frontend / Web: HTML5, CSS3, React, Tailwind CSS, Bootstrap
Backend / Server: Node.js, Express, Socket.IO, CodeIgniter, RESTful APIs
Databases: MySQL, MongoDB
Tools / Platforms: Git, GitHub, Visual Studio Code, IntelliJ IDEA, PyCharm, Figma, Microsoft Power Platform, Vercel