Dawson James Marcos

Web Developer | Automation Specialist

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👤 PROFILE

Web Developer with expertise in frontend and backend development, specializing in creating data-driven web applications. Proven experience in integrating REST APIs and developing real-time dashboards, enhancing user engagement and operational efficiency. Notable projects include disaster management portals that support emergency response and public preparedness initiatives. Passionate about leveraging automation tools to streamline workflows and improve application performance.

💡 SKILLS

Workflow Automation

Video and Photo Editing

Web Development

Software Development

🖌 INTERESTS

Web Development, App Development, Automation (n8n, Zapier), Video Games

💼 WORK EXPERIENCE

Junior Software Developer, Information Technology Business Solutions Corporation
01/2025 – 06/2025

Achievements/Tasks
- Developed full-stack web applications and backend APIs using Vue.js, TypeScript, Node, PrimeVue, Quasar Framework, and PHP.
- Utilized PHPMaker for rapid backend development and Navicat for database management and optimization.
- Implemented version control and collaborative development practices using Git.
- Designed and built a comprehensive Billing Management System to streamline financial operations and invoicing processes.
- Developed a Network Monitoring System to track system performance, uptime, and alerts in real time.
- Created interactive and data-driven Dashboards for visualizing key business and system metrics.
- Engineered custom APIs to efficiently fetch and deliver data to front-end dashboards and client applications.

🎓 EDUCATION

Tarlac State University - Cum Laude, Bachelor of Science in Information Technology
01/2019 – 01/2023

📁 PERSONAL PROJECTS

n8n Video Cutting/Editing Automation
06/2025 – 07/2025

A streamlined video-cutting automation powered by FFmpeg, Ollama, and AssemblyAI. It processes locally hosted data across three key categories—video, audio, and transcript analysis—ensuring maximum accuracy and high-quality results.

RBM Expense Tracker
04/2025 – 06/2024
- Started as a personal project in my spare time, but I had to put it on hold due to a demanding schedule on work

NamaPos
06/2025 – Present
- Started a small-scale project to support my sister's business, I've done the data structure and the timeline. The project is currently on hold due to a demanding schedule.