Christopher Jay S. Manubay

Santa Rosa, Nueva Ecija | P: +63 908 6390 237 | christopherjay.manubay@gmail.com

Website: cjsm.vercel.app   LinkedIn: linkedin.com/in/christopher-jay-manubay   Github: github.com/const-toph

SKILLS

Programming Languages: TypeScript, JavaScript, PHP
Frontend Development: React.js, Vite, Tailwind CSS, Ant Design, ShadCN/UI, Zustand, TanStack Query & Router
Backend Development: Node.js, Bun, Hono (RPC & REST), Express.js, Prisma ORM, Zod, OpenAPI (Scalar & Swagger)
Databases: PostgreSQL, MySQL, MariaDB
Tools & Platforms: Git, GitHub, Postman, VS Code, Docker, Windows

Technical Highlights:
- Design and implement secure authentication systems with RBAC and fine-grained permission management
- Build modular, type-safe backends with Hono.js, Prisma, and PostgreSQL
- Optimize performance and implement automated testing for scalable systems
- Apply clean architecture principles across full-stack applications

WORK EXPERIENCE

Avinya Inc.   Taytay, Rizal
Back End Developer   Jun 2024 – Present
- Led the development and deployment of institutional systems including a Learning Management System, Enrollment System, ID Management System with SMS integration, and RFID-based Attendance Kiosk with Parent Portal.
- Designed and implemented relational database schemas, backend APIs, and secure authentication workflows.
- Integrated backend APIs with frontend applications by handling HTTP requests, state management, and dynamic data rendering.
- Deployed applications to production, ensuring system reliability and performance.

DepEd SDO of Nueva Ecija   Santa Rosa, Nueva Ecija
Full Stack Web Developer Internship   January 2024 – May 2024
- Led an internship team in developing a Repair and Inventory Management System for the ICTU Department, streamlining repair requests and asset tracking.
- Built responsive and dynamic user interfaces integrated with backend services using PHP, jQuery, AJAX, HTML, and CSS.
- Enhanced user experience by optimizing workflows, ensuring smooth functionality across repair and inventory operations.

PROJECTS

Hono Authentication & Authorization RBAC Template – Personal Project   Oct 2025
- Developed a backend boilerplate with **TypeScript, Hono.js, Prisma, and PostgreSQL**, featuring secure authentication and fine-grained RBAC authorization.
- Implemented JWT-based authentication, role-permission validation, and auto-generated OpenAPI documentation for scalable, enterprise-grade systems.

Repair and Inventory Management System – DepEd SDO Nueva Ecija   Jan – May 2024
- Led a team in developing a web-based system for repair and inventory tracking, boosting efficiency in the ICTU Department.
- Designed the database and implemented **dynamic, responsive interfaces** integrated with backend services.

Visitor Monitoring System (VYSMO) – Capstone Project   May – Nov 2023
- Built a **visitor management platform** with role-based access, QR code scanning, and timestamped logging to enhance campus security.
- Developed using **PHP, MySQL, and JavaScript**, improving usability, reliability, and security across user roles.

EDUCATION

Nueva Ecija University of Science and Technology (NEUST)   Cabanatuan City, Nueva Ecija
Bachelor of Science in Information and Technology   2020-2024
Major in Database Systems Technology
Academic Excellence Awardee (Consistent Dean's Lister)