

Jan Carlo V. Tolentino

Software Engineer

tolentinojancarlo@gmail.com • linkedin.com/in/jantolentino • jantolentino.dev

Professional Summary

Software Engineer with 4+ years of experience building business-critical web applications, API integrations, and cloud-hosted systems. Experienced in backend development, Linux administration, containerized deployments, and third-party system integrations. Strong track record of owning production systems, collaborating directly with stakeholders, and delivering reliable software solutions throughout the full development lifecycle.

Core Expertise

Backend Engineering REST APIs, System Design, Software Architecture, API Integrations

Infrastructure & Cloud Docker, Linux Administration, CI/CD, NGINX, Google Cloud Platform, AWS

Frontend Development Vue.js, Nuxt.js, JavaScript, Tailwind CSS, Bootstrap

Databases MySQL, PostgreSQL, SQLite

Professional Skills Stakeholder Communication, Technical Troubleshooting, Production Support, Agile Development

Professional Experience

Mid PHP Developer

Nov 2024 – Present

ShipERP

- Architect and maintain mission-critical ERP integrations connecting ShipERP Cloud with SAP S/4HANA Public Cloud and Oracle Fusion, enabling real-time freight-rate updates for sales quotations, delivery consolidation, and proportional freight-cost allocation by weight.
- Engineer multi-carrier integration pipelines for TForce Freight, UPS, DHL Express, FedEx, and DPD, implementing OAuth 2.0 authentication, Electronic Trade Documents (ETD) upload, and automated pickup dispatch.
- Developed an intelligent rate-shopping engine with dynamic carrier restrictions, supervisor overrides, offline-carrier fail-safes, and lowest-cost automatic selection for accurate, high-volume shipment rating.
- Designed the Multi-HU Quick Entry & Packing module and delivery consolidation engine, streamlining handling-unit creation, nested packaging, and master packing-list generation for warehouse operations.
- Implemented automated freight-class and hazardous-material compliance workflows using density (PCF), UNID, and dangerous-goods class calculations while enforcing ECCN and HTS customs requirements.
- Modernized the codebase with dependency injection, event-driven BRE email notifications, optimized database indexes for high-traffic tracking tables, and comprehensive PHPUnit suites using dynamic data providers.
- Manage 70+ tickets weekly across various environments, balancing triage, technical investigation, client and cross-functional meetings, and timely resolution of business-critical issues.

Full-Stack Web Developer

Jul 2022 – Nov 2024

Boom Technologies Inc.

- Led the end-to-end delivery of nationwide business platforms and international event systems, from requirements analysis through deployment and operational support.
- Designed and developed RESTful APIs and backend services consumed by web applications, mobile platforms, and Unity-based systems.
- Managed Linux-based staging and production environments, supporting application deployment, infrastructure maintenance, and operational reliability.
- Integrated third-party platforms, payment services, and external APIs to expand product capabilities and support new business opportunities.
- Worked directly with clients and project stakeholders to refine requirements, manage expectations, and deliver technical solutions aligned with business goals.
- Produced technical documentation, testing procedures, and deployment guides that improved maintainability and reduced production risk.
- Mentored interns and junior developers through code reviews, technical guidance, and development best practices.
- Researched and evaluated emerging technologies, contributing technical recommendations for future projects and platform enhancements.

Part-Time Web Developer

Feb 2022 – Jul 2022

Boom Technologies Inc.

- Contributed to the development of a centralized e-commerce platform supporting nationwide retail and mall operations.
- Developed administrative tools and operational modules for managing products, tenants, promotions, and business workflows.
- Collaborated with senior developers to implement backend services and user-facing functionality within an Agile development environment.
- Authored API documentation and integration references to support internal teams and external development partners.

Technical Projects

Containerized Development Environment

- Designed and maintained Docker-based development environments for Laravel and Vue.js applications.
- Automated database provisioning, backups, and local development workflows to improve developer productivity.

Self-Hosted Infrastructure

- Managed Linux-based self-hosted services using containerized deployments, monitoring, backup automation, and operational tooling.
- Explored cloud-native deployment practices and infrastructure automation for personal and professional development.

Certifications

Google Cloud Certified: Associate Cloud Engineer

Issued May 2025

Education

Bachelor of Science in Computer Science

Mariano Marcos State University

2018 – 2022

Magna Cum Laude

Technologies

PHP, Laravel, JavaScript, Vue.js, Nuxt.js, Python, Java, SQL, Docker, Linux, NGINX, Git, Postman, Google Cloud Platform, AWS, MySQL, PostgreSQL, SQLite, Kotlin