

# Jan Carlo V. Tolentino

Software Engineer

Philippines

+63 915 333 2964

tolentinojancarlo@gmail.com

linkedin.com/in/jantolentino

jantolentino.dev

## Professional Summary

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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

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**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

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### Mid PHP Developer

Nov 2024 – Present

ShipERP

- Own the development and support of carrier integrations powering shipment booking, rate calculation, tracking, and logistics workflows across multiple shipping providers.
- Partner with clients, business stakeholders, and internal teams to translate operational requirements into scalable software solutions and integration strategies.
- Diagnose and resolve production issues across distributed systems, third-party APIs, and business-critical workflows to maintain service reliability.
- Design, implement, and maintain backend services and APIs that support logistics operations and carrier connectivity.
- Contribute to system stability through release support, incident investigation, root cause analysis, and continuous improvement initiatives.
- Collaborate within an Agile development environment, participating in solution design, technical discussions, and delivery planning.

### 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**

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### **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**

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### **Google Cloud Certified: Associate Cloud Engineer**

Issued May 2025

## **Education**

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### **Bachelor of Science in Computer Science**

Mariano Marcos State University

2018 – 2022

Magna Cum Laude

## **Technologies**

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