

Christian Kyle Masangcay

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PROFESSIONAL SUMMARY

Information Technology student with full-stack development experience across two production systems — a solo-built Material Management System (Node.js/Express, React, PostgreSQL) deployed at Titan Collection and Credit Management Inc., and a team-built enrollment system with 1,575+ commits (Laravel 12, React 18). Proficient in CI/CD pipelines, multi-layer automated testing, Docker containerization, and security scanning. Seeking a full-time or remote position to contribute immediately in a professional environment.

WORK EXPERIENCE

Full Stack Developer Intern (Solo) | *Titan Collection and Credit Management Inc.* | Manila, PH | **Feb 2026 – May 2026**

- Engineered a 12-module Material Management System as sole developer, replacing company-wide Excel-based inventory tracking and delivering a production-ready system within 3 months for 11–20 active users.
- Architected full-stack independently — React 18, TypeScript, Node.js/Express (40+ REST endpoints), PostgreSQL via Prisma ORM — owning all frontend, backend, database design, and internal server deployment via Docker.
- Established a GitHub Actions CI/CD pipeline with 4 automated security tools (Trivy, Gitleaks, Dependabot, eslint-plugin-security) and 109 automated tests across unit, integration, component, E2E (Playwright), and load (k6) layers.
- Delivered a real-time analytics dashboard, purchase order lifecycle management, automated low-stock email alerts, and a full audit log — providing management visibility previously unavailable.

Junior Front-End Developer | *Smart Hyperion* | London, UK (Remote) | **Jan 2021 – Dec 2022**

- Contributed to end-to-end design, development, and deployment of a web application using React, HTML, CSS, and JavaScript with containerized component-based architecture.

CAPSTONE PROJECT

Web-Based Enrollment System – Christian Bible Heritage Learning Center | Full Stack Developer, Team of 4 | Feb – Nov 2025

Stack: Laravel 12, React 18/19, Inertia.js, TypeScript, Tailwind CSS, MySQL, Docker, GitHub Actions

- Built multi-role authorization system for 5 user types using Spatie Laravel Permission with 11 access control policies; developed billing, invoicing, and payment tracking modules with invoice auto-generation.
- Implemented document management with upload/verification workflows, PDF report generation (DomPDF), and 16-type email notification system via Resend.
- Contributed to CI/CD pipeline with 7 parallel GitHub Actions jobs (syntax, style, static analysis, security, tests) with 50% minimum code coverage; maintained 163 test files using Pest PHP and PHPStan/Larastan.

Scale: 1,575+ commits | 60 migrations | 76 controllers | 203 page components | 90+ UI components

TECHNICAL SKILLS

Languages: PHP, JavaScript, TypeScript, HTML, CSS, SQL, Java, C#

Backend & DB: Node.js, Express.js, Laravel 12, Prisma ORM, MySQL, PostgreSQL, Redis, Inertia.js

Frontend: React 18/19, Tailwind CSS, shadcn/ui, Radix UI, Recharts, Axios, React Router, Vite

Testing: Jest, Vitest, React Testing Library, Playwright, Pest PHP, Supertest, k6, PHPStan / Larastan

Security & Auth: JWT, bcryptjs, Helmet, express-rate-limit, Trivy, Gitleaks, Dependabot, eslint-plugin-security

DevOps & Tools: Docker, GitHub Actions, Laravel Forge, Git, ESLint, Prettier, Husky, Swagger / OpenAPI, Nodemailer

EDUCATION

BS Information Technology | STI College Ortigas-Cainta | 2022 – Present | *Dean's Lister 2022–2024*

CERTIFICATIONS & TRAINING

SAP University Alliances Certificate of Participation (2024) | Systems Administration & Maintenance Certificate (2023) | Java Fundamentals Certificate (2023) | DepEd Joint Delivery Voucher Program – ICT Vocational Training (2020–2022)