Jose Marie De Castro

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SUMMARY

Full-stack developer with 8 years building systems where the numbers have to be right: commerce, point of sale, inventory, commissions and learning. Has worked on four generations of the same direct-selling platform, from Laravel and Angular to Vue on Firebase to today's TypeScript rebuild. Currently building and operating Omni, a multi-tenant commerce platform running eight live client businesses from a single codebase, with an append-only financial ledger underneath. Comfortable owning a system end to end: schema and API through to deployment, backups and the client conversation. Works remotely with US and PH clients.

EXPERIENCE

Lead Full Stack Developer (Partner)

May 2026 - Present

Omni Tech Business IT Solutions

Philippines (Remote)

A multi-tenant commerce platform running eight live client businesses from one codebase: a ground-up TypeScript rebuild that succeeded the GEER platform.

- Designed an append-only financial ledger with per-slot wallet materialization, so every balance is reproducible from history rather than edited in place
- Built a pluggable compensation framework: nineteen payout plans behind one interface, with framework-owned locking, idempotency and earning caps
- Shipped five independently deployable modules: storefront and marketplace, cashier POS, multi-branch inventory, commissions, and a learning platform
- Delivered white-label multi-tenancy through 162 configuration flags, so a new client is a deployment and a preset rather than a fork
- Operate eight single-tenant production deployments with per-client object storage and automated nightly database backups
- Back every change with nearly 3,000 automated tests, CI on every push, Playwright journeys on staging, and human-approved per-client releases that take a backup first

`TypeScript · Fastify · PostgreSQL · Drizzle · Redis · BullMQ · React · Docker · Vitest · Playwright · GitHub Actions`

Full Stack Developer (Contract)

March 2021 - Present

ASAP Cash Offer / Cash For Houses (US real estate investor)

United States (Remote)

Lead generation websites, marketing automation, and AI tooling.

- Developed an AI-powered blog writing tool (Vue.js/Quasar, Express, MongoDB) integrated with the OpenAI API, reducing content creation time by 80%
- Expanded the AI tool into a white-label API service accessible via webhooks for multiple third-party clients
- Created multiple funnel-type WordPress and Carrot websites driving conversions and lead generation for real estate investment business
- Built reusable website templates for real estate investor (REI) businesses
- Collaborated directly with client to enhance SEO strategies across 25+ websites, improving search rankings and organic traffic

`Vue.js · Quasar · Node.js · Express · MongoDB · OpenAI API · Grok AI · PHP · WordPress · Zapier · MySQL`

Full Stack Developer (Team Lead, 2020 - 2021)

December 2019 - May 2026

GEER IT Solutions

Taguig, Philippines (remote from 2021)

White-label direct-sales commerce platform serving 10,000+ active users across multiple client deployments, plus POS, loyalty and school systems.

- Led a small team migrating the platform from Angular + Laravel to Vue/Quasar on Firebase with zero downtime
- Wrote the platform's backend business logic as Node.js Firebase Cloud Functions over Firestore, including security rules and indexes, and built the Vue/Quasar admin, member and cashier apps
- Built POS and Inventory Management Systems for multiple retail clients with real-time transaction processing
- Optimized compensation plan algorithms and refactored POS system, improving performance by 40%
- Remote from 2021: built loyalty and rewards systems on Quasar, Express and MongoDB
- Returned to the core platform in 2024 for feature work and production support until its 2026 successor, Omni
- Built features across a multi-portal school management platform spanning K-12 and college academics

`Node.js · Firebase · Vue.js · Quasar · Express · MongoDB · Capacitor · Angular · PHP · Laravel · MySQL`

Junior Web Developer

March 2018 - December 2019

Digima Web Solutions

Taguig City, Philippines

Direct-sales commerce platform development with Laravel and Angular.

- Worked on the first-generation platform, a multi-tenant Laravel (Blade) system for direct-sales clients
- Developed Admin Panel and Member Areas for its successor, built on Angular and Laravel with MySQL
- Implemented role-based access control and user management systems
- Handled production support, including after-hours emergency fixes for critical issues

`Angular · Laravel · PHP · MySQL · JavaScript · HTML/CSS`

SELECTED PROJECTS

School System (K-12 + University)

Lead developer · 2023 – present

Eight role-based React portals over one Express + Prisma API: admin, teacher, guardian PWA, RFID gate scanner, canteen POS, registrar, guidance and clinic. Two academic engines (DepEd K-12 and college) are selected by institution type.

Pop Empire

E-commerce · 2026

Collectibles store with cart, checkout and admin CMS on Express + Prisma + PostgreSQL, built around manual bank-transfer verification for markets where cards are not the norm.

Loyalty Rewards System

Electron desktop · 2024

Points tracking, rewards redemption and customer management for an internet café, built with Electron and Node.js.

EDUCATION & RECOGNITION

Bachelor of Science in Information Technology

STI College Malolos · Malolos City, Bulacan

Leadership Award · December 2020

GEER IT Solutions. For mentoring junior developers and leading successful project deliveries.

SKILLS

Backend	Node.js · TypeScript · Fastify · Express.js · PHP · Laravel · CakePHP · RESTful APIs
Databases	PostgreSQL · MySQL · MariaDB · Redis · MongoDB · Firebase · Drizzle · Prisma
Frontend	React · Vue.js · Angular · Quasar · Tailwind CSS · JavaScript (ES6+)
Testing	Vitest · Playwright · Database integration tests
AI & Automation	OpenAI API · Anthropic API (Claude) · Grok AI · Claude Code · Zapier · Workflow automation
Infrastructure	Firebase (Cloud Functions, Firestore, Hosting) · Docker · Caddy · Nginx · BullMQ · S3-compatible storage · Git · Linux · GitHub Actions CI
Other	Payment gateway integration · POS systems · SEO optimization · WordPress