

JEJOMAR PARRILLA

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Summary

Full-Stack Developer specializing in Laravel + Vue.js with strong foundations in scalable system design and problem-solving. Experienced in SPA development, real-world collaboration, and award-winning projects. Skilled across backend, frontend, and databases with proven performance in academic competitions and professional internship training.

Work Experience

ROK (Revolution of Kitten Inc.)
SOFTWARE ENGINEER INTERN

Ormoc & Cebu (Remote + Onsite)
Feb 2025 – June 2025

- Optimized mobile responsiveness of Azusa platform using Vue.js, Oruga-UI, Flexbox & Grid.
- Integrated & debugged Matterport SDK, improving 3D environment rendering and UI consistency.
- Reduced page load time from 50s → 8s via API optimization & localStorage caching.
- Refactored SDK integration layers, enhancing stability and maintainability.
- Collaborated in Agile workflow using GitLab (version control) & Redmine (sprint planning).

Projects

Crime Guard System

Laravel 10, Vue 3 (Options API), Tailwind CSS, Google Maps API, MySQL

- **Problem:** Reporting and analyzing crimes in Ormoc was inefficient, relying on manual processes.
- **Solution:** Built a real-time SPA with automated reporting, crime heatmaps, predictive analytics, and incident tracking. Used MVC + DTO patterns for scalable design and Google Maps for location.
- **Impact:** Awarded Capstone Project of the Year 2025. Deployed on cPanel and adopted in academic competitions as a benchmark project. Reduced crime-reporting process time from minutes to a single click.
- crime-guard.csitcicte.com

AskJejo

Laravel 12, Vue 3 (Composition API), Docker, PostgreSQL, Groq API

- **Problem:** Students and professionals needed a fast, centralized platform for Q&A and learning.
- **Solution:** Developed a full-stack chat and knowledge-sharing app with Laravel Sanctum authentication and SPA frontend. Dockerized for portability, integrated Groq API with LLaMA models for AI-powered Q&A, and Markdown support for clean formatting.
- **Impact:** Delivered a modular, production-ready platform. Showcased how AI integration enhances learning platforms in real-world use cases.
- <https://github.com/Je-Joestar24/askjejo>

JRF (Jejo Recipe Finder)

Vue.js, TypeScript, Pinia, Spoonacular API

- **Problem:** Users struggled to discover and save recipes in a lightweight, mobile-friendly way.
- **Solution:** Built a SPA with search, favorites, modular components, and state management via Pinia. Implemented route guards and responsive UI for seamless UX across devices.
- **Impact:** Created a polished consumer-style app that mirrors real SaaS recipe platforms. Improved recipe discovery efficiency with a smooth UX.
- <https://je-joestar24.github.io/jejorecipefinder>

- **Problem:** Weather apps often clutter dashboards, making it hard to save and track cities.
- **Solution:** Built a modular weather-tracking app with MTV design, authentication, city search, saved places, and recent views. Optimized dashboards with real-time data and smooth CSS animations.
- **Impact:** Delivered a scalable weather app showing proficiency in Django CBVs and PostgreSQL, while applying clean, maintainable architecture.
- https://github.com/Je-Joestar24/voya_weather

Technical Skills

Strongest Areas: Problem-solving, Modular Development, System Design

Core Stack: Laravel (REST APIs, Eloquent ORM, Queues, Middleware, Blade, Authentication, Scalability) | Vue.js (Composition API, Pinia, Vue Router, SPA Architecture, State Management)

Programming: PHP, JavaScript (ES6+), Python, Java, SQL

Frontend: Tailwind CSS, Oruga-UI, Responsive Design (Flexbox, Grid), Web Animations

Backend & Architecture: MVC, DTO, Modular Development, Clean Architecture, System Design

Databases: MySQL, MariaDB, PostgreSQL (ERD & 3NF Design)

Tools & DevOps: Git (branching, rebasing, conflict resolution), GitHub, GitLab, Docker, Redmine, VS Code, Apache, Nginx

APIs & SDKs: Google Maps API, Groq API, Matterport SDK, Three.js, Spoonacular API, LocalStorage, Google Books API

Education

Western Leyte College of Ormoc – Ormoc City, Philippines

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Graduated: July 11, 2025 | Magna Cum Laude

Awards & Honors

- Programmer of the Year – 2025
- Capstone Project of the Year – 2025
- LGU Scholar Awardee – 2021–2025
- Top 5% Programmer Nationwide – CodeChum Academy
- Excellence in Programming – July 2023
- EVCO Champion – Oct 2024 | 3rd Place – Oct 2023
- National IT Competitor (iSite & CodeChum) – Java & Python Tracks (2023–2025)