John Edrick C. Nubla

FULL STACK WEB DEVELOPER | AI-AUGMENTED ENGINEERING

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PROFESSIONAL SUMMARY

Full Stack Web Developer with 5 years of experience building scalable, secure web applications with Laravel, Vue.js, and MySQL. Former Team Lead who owned end-to-end delivery, from requirements gathering through deployment and server configuration. Builds production AI features (RAG pipelines, LLM API integrations, and AI agents) and introduced **Spec-Driven Development** so the team uses AI coding tools with clear requirements, plans, and tests instead of unstructured "vibe coding."

TECHNICAL SKILLS

Back-End & Database: Laravel, PHP (REST APIs, authentication, queues, query optimization); MySQL (schema design, indexing, performance tuning)

Front-End: Vue.js, JavaScript, Bootstrap, responsive and mobile-first design

AI & LLM Engineering: Retrieval-Augmented Generation (RAG): document chunking, embeddings, vector search, grounded answers; LLM API integration (prompt design, structured outputs, tool/function calling); AI agents and automated workflows; Model Context Protocol (MCP)

AI-Assisted Development: Spec-Driven Development (requirements → technical plan → task breakdown → implementation → tests); Claude Code, Codex, GitHub Copilot for scaffolding, code review, test generation, refactoring, and debugging

Tools & Practices: Git, GitHub, Composer, cPanel, DNS, CI/CD, API design, testing, code review, project planning, stakeholder communication

PROFESSIONAL EXPERIENCE

Full Stack Web Developer
BitPeak — Netherlands (Remote) | June 2024 – Present

- Build and maintain production web applications with Laravel, Vue.js, and MySQL for an international client base.
- Built **RAG (Retrieval-Augmented Generation)** features in production: ingesting and chunking documents, generating embeddings, running vector search, and grounding LLM responses in retrieved context so answers stay accurate to the source data.
- Integrated LLM APIs into Laravel applications, designing prompts, structured outputs, and tool/function calling to automate workflows and add AI-powered features for end users.
- Developed AI agents and automated workflows, including tool-calling and Model Context Protocol (MCP) integrations, that connect LLMs to application data and internal systems.
- Established a **Spec-Driven Development** workflow for the team: every AI-assisted change starts from written requirements, a technical plan, and task breakdown, then is implemented, tested, and reviewed, keeping AI-generated code predictable and maintainable.
- Design and optimize RESTful APIs, improving response times through query tuning and caching; review AI-generated pull requests for logic and security issues.

Full Stack Web Developer — Team Lead
RSB Consulting, Inc. — Makati, Philippines | February 2022 – January 2025

- Led a team of 4 engineers delivering Laravel-based APIs and web applications for enterprise clients, owning full project lifecycles from technical scoping through post-launch support.
- Architected secure REST APIs with role-based authentication and built interactive, mobile-first Vue.js front-ends.
- Administered MySQL databases, resolving performance bottlenecks and enforcing data integrity constraints.
- Managed deployments and server configuration via cPanel, including DNS setup and production troubleshooting.
- Served as primary liaison between stakeholders and engineers, translating business requirements into technical specifications while upholding code quality through peer review and testing.

Backend Developer Intern
OneTap PH — Pasig, Philippines | June 2021 – August 2021

- Contributed to web application development (PHP, MySQL, HTML, CSS, JavaScript), assisted in database schema design, and collaborated with fellow interns to deliver milestones on schedule.

EDUCATION

Bachelor of Science in Computer Science, cum laude
STI College Ortigas-Cainta | August 2022