

RYAN U. MENDOZA

Full-Stack Engineer & Systems Architect

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 10+ years of experience in the Laravel ecosystem, high-performance automation, and systems architecture. Proven track record of architecting scalable SaaS platforms, optimizing complex business workflows, and implementing AI-powered solutions. Expert in bridging technical complexity with intuitive design to deliver measurable operational value.

TECHNICAL SKILLS

- **Languages & Frameworks:** PHP (Laravel), JavaScript (Vue.js, Vanilla), HTML5, CSS3 (Tailwind CSS).
- **Systems & Infrastructure:** Docker, Linux (Ubuntu), Nginx, SQL (PostgreSQL, MySQL), SSH Administration.
- **Automation & Integration:** n8n, RESTful APIs, Brevo, CRM Integration, Webhooks.
- **AI & Search:** LLM Integration (OpenAI API), Semantic Search, Vector Databases.
- **Tools & CMS:** WordPress (Custom Plugin/Theme Development), Git, Docker Compose.

PROFESSIONAL EXPERIENCE

Systems Architect & Developer 2015 – Present Flood Control Asia RS Corp

- Architected and led the development of internal IT systems and high-performance web applications for a leading flood protection company.
- Engineered custom automation pipelines using n8n and REST APIs, resulting in an 80% reduction in manual data entry and cross-departmental bottlenecks.

- Deployed and managed containerized document management systems (Paperless-ngx) featuring OCR and searchable indexing for large-scale data retrieval.
- Maintained and optimized corporate web infrastructure, ensuring 99.9% uptime for critical business services and customer-facing evaluation tools.

Full-Stack Developer (Freelance) Various Projects

Radix Systems

- Developed corporate digital identities and high-conversion landing pages using WordPress and custom Vue.js components.
- Integrated automated lead management and recruitment workflows connecting WordPress frontends with backend CRM and communication APIs.
- Built and deployed custom financial tracking layers and automated budget synchronization tools for operational spending visibility.

FEATURED PROJECTS

RelateCore: AI-Powered CRM relatecore.com

- Architected a sophisticated SaaS platform from the ground up using Laravel and Vue.js.
- Implemented AI-first features including semantic search, automated lead intelligence, and predictive insights via OpenAI API integrations.
- Designed a scalable PostgreSQL database schema to handle complex customer relationships and historical business data.

Inventory CMS Dashboard

- Built a modern, responsive dashboard for device tracking and inventory management.
- Implemented granular access controls and real-time inventory updates for distributed technical teams.

EDUCATION

Bachelor of Industrial Technology (Computer Technology) Bulacan State University | Malolos, Bulacan

CERTIFICATIONS

- **Basic Occupational Safety and Health (SO1 & SO2) | 2021/2022**
- **Basic Pollution Control Officers (PCAPI) | 2022**
- **Dreamweaver Training | Microcadd Institute Inc.**