

RICARDO JR. G. FLANDEZ

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~/PROFESSIONAL_SUMMARY

Full-Stack Developer with hands-on experience building and deploying production web applications using PHP, JavaScript, Next.js, MySQL, and SQLite. Experienced in REST APIs, authentication, database design, Docker-based deployment, and self-hosted infrastructure. Built and maintained multiple live applications including e-commerce, educational, streaming, and government-oriented systems.

~/TECHNICAL_SKILLS

Languages TypeScript, JavaScript, PHP, Python, HTML5, CSS3

Frontend React, Next.js, Tailwind CSS, Alpine.js

Backend REST APIs, FastAPI, Flask, PHP

Database MySQL, MariaDB, SQLite

DevOps Docker, Docker Compose, Nginx, Linux, Cloudflare

APIs REST, OAuth 2.0, WebSocket, SSE

Tools Git, GitHub, VS Code

~/EXPERIENCE

Freelance Web Developer & Capstone Consultant

2024 - Present

Self-Employed

- ✓ Built and deployed 6+ full-stack web applications using PHP, Python, and JavaScript, covering architecture, REST APIs, authentication, database design, and production deployment.
- ✓ Delivered multi-tenant e-commerce storefronts, event management systems, and business sites with payment integration for clients.
- ✓ Provided capstone and thesis consultation to fellow students on system design, database normalization, and deployment architecture.

IT Intern / OJT

Sep 2025 - Feb 2026

MYTRON

- ✓ Performed hardware diagnostics and maintenance for POS/electronic systems.
- ✓ Assisted with LAN configuration, IP addressing, router setup, and basic firewall management.

~/SELECTED_PROJECTS

CINEVAULT - MEDIA DISCOVERY AND BROWSING INTERFACE

crdo.site/cinevault.html

- ✓ Built a media discovery UI with Next.js 14, TypeScript and TailwindCSS, organizing TMDB catalog metadata into search, genres, collections and detail views.
- ✓ Implemented watchlists, continue watching, community likes and comments, plus trailer previews and season/episode selectors.
- ✓ Shipped responsive mobile-first layouts with PWA support, HMAC-secured admin sessions, VIP access control, and Docker deployment.

NEXUSACADEMY (SMARTSTUDY) - EDUCATIONAL LMS & STUDY PLANNER

crdo.site/smartstudy.html

- ✓ Built a full-stack study planner using PHP 8.x and SQLite with Pomodoro scheduling, task planning, and study stats.
- ✓ Added a classroom hub where faculty see study stats, plus a fullscreen focus mode for timed sessions.
- ✓ Deployed with Docker behind Cloudflare tunnels, versioned on GitHub.

INTELLIGENT BARANGAY - CAPSTONE WEB PLATFORM

crdo.site/poblacion.html

- ✓ Built a centralized LGU administration platform digitalizing resident records, emergency blotter filing, and barangay clearance requests.
- ✓ Designed with PHP, MySQL, role-based access control, and audit logging for administrative accountability.

VOLTAGE APPAREL - E-COMMERCE STOREFRONT ENGINE

crdo.site/vltgapparel

- ✓ Designed a multi-tenant e-commerce platform where each storefront maintains isolated products, branding, and order workflows.
- ✓ Implemented tenant-aware routing and admin dashboards using PHP, Tailwind CSS, and JSON-based persistence.

~/EDUCATION

Pamantasan ng Lungsod ng Muntinlupa

Graduated July 2026

Bachelor of Science in Information Technology

