

JAYVEE OSAPDIN

Full-Stack Web Developer | Software Engineer | Systems Developer

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 6+ years of experience designing, developing, deploying, and maintaining web and mobile applications. Experienced in building enterprise, academic, enrollment, POS, inventory, booking, and administrative information systems using Laravel, Vue.js, PHP, JavaScript, PostgreSQL/MySQL, and modern cloud and server technologies. Strong background in full-stack development, API integration, system architecture, DevOps, Linux server administration, and scalable institutional platforms. Comfortable working independently as a solo/full-stack developer and collaborating with cross-functional engineering, QA, product, and design teams.

CORE TECHNICAL SKILLS

Backend	PHP, Laravel, REST APIs, authentication, Laravel Filament, Node.js
Frontend	Vue.js, PrimeVue, Tailwind CSS, JavaScript
Data	PostgreSQL, MySQL, Redis, Laravel Horizon
Cloud / DevOps	AWS, Vercel, Coolify, Linux, Ubuntu, Nginx, PHP-FPM, cPanel, DNS, Git/GitHub
Integrations	Azure AD, Google APIs, Maps/Places, Ably, real-time services, email services
Mobile / Architecture	Android development, offline-first systems, multi-device synchronization, modular architecture

PROFESSIONAL EXPERIENCE

Software Engineer / Full-Stack Developer | Professional web development since 2019

- Designs, develops, deploys, and maintains production web applications and APIs using Laravel/PHP, JavaScript, Vue.js, relational databases, and modern infrastructure.
- Builds modular enterprise and institutional systems covering admissions, enrollment, academic workflows, administration, reporting, inventory, booking, POS, and related business processes.
- Implements REST API integrations, authentication and authorization, real-time features, background processing, notifications, and third-party service integrations.
- Handles deployment and operational troubleshooting across Linux/Ubuntu, Nginx, PHP-FPM, cPanel, DNS, database servers, Redis/Horizon, and cloud-hosted environments.
- Works across backend, frontend, database, infrastructure, testing, debugging, and production support, including solo/full-stack ownership when required.

SELECTED ENGINEERING EXPERIENCE & PROJECTS

Owl / Appetiser — Backend Engineering

- Developed and maintained Laravel APIs supporting mobile and watch-device workflows, including child activity, schedules, weekly insights, reflections, and property-related integrations.
- Worked with Redis/Horizon background queues, AWS services, MySQL/RDS, API contracts, staging environments, debugging, and cross-functional QA/mobile integration.
- Supported transactional email infrastructure and deliverability configuration, including AWS SES, DKIM, SPF, DMARC, and application mail workflows.

Mindoro State University — Institutional Systems & Technical R&D

- Contributed to university information systems and technical research covering identity/access, admissions, enrollment, academic workflows, faculty/student portals, billing/assessment, reporting, and administrative processes.

- Designed modular Laravel/Filament system approaches with role-based permissions, reusable modules, API integrations, document/report generation, and compliance-oriented workflows.
- Supported server, networking, DNS, hosting, deployment, infrastructure troubleshooting, and internal application environments.

POS, Inventory & Offline-First Mobile Systems

- Designed web/mobile application architecture for POS and inventory workflows, including offline-first operation, automatic synchronization, multi-device data consistency, online dashboards, pricing, promotions, and inventory management.
- Evaluated Android, Supabase, payment integration, LAN/online synchronization, and resilient connectivity patterns for environments with intermittent internet access.

ADDITIONAL TECHNICAL STRENGTHS

System architecture • Database design • API design • Server configuration • Deployment • Production troubleshooting • Authentication and authorization • Role/permission systems • Real-time systems • Queue processing • Cloud integrations • Networking and infrastructure • Technical research • Requirements analysis • Modular application design • AI/chat integrations

EDUCATION

Bachelor of Science in Information Technology— Mindoro State University, 20219

PROFESSIONAL LINKS

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