SHERWIN MALOGAN ESTRERA

FULL STACK DEVELOPER

Lingayen, Pangasinan | 📞 0945 582 8984 | ✉ se.estrera@gmail.com

PROFESSIONAL SUMMARY

Full Stack Developer with **5+ years of experience** delivering enterprise-grade web and mobile applications. Specialized in **Laravel-based system architecture**, **API-driven platforms**, and cross-platform applications using **Nuxt** and **Capacitor**. Proven experience **owning deployments and production environments and integrating third party services**, leading development teams, mentoring engineers, and enforcing best practices to ensure scalable, secure, and maintainable systems. Hands-on experience integrating **AI-powered solutions** (chatbots, workflow automation, internal tools) to improve operational efficiency and user experience. Strong balance of **technical leadership and execution**, with a track record of shipping production systems on schedule.

CORE SKILLS

Primary Expertise

- Backend Development: **Laravel, PHP, Node.js, Express.js**
- Frontend Development: **Vue.js, Nuxt.js, React.js, TypeScript, JavaScript**
- API Design & Architecture: RESTful APIs, Authentication, Authorization
- Mobile Development: **Capacitor, Ionic Framework, Flutter**

AI & Automation

- AI Chatbot Integration (customer support & internal tools)
- Prompt Engineering for task automation and content workflows
- AI-assisted process automation tooling

Databases & Infrastructure

- MySQL, PostgreSQL
- API Security: OAuth2, JWT
- Cloudflare, CI/CD pipelines

Testing, Quality & Security

- PHPUnit, Playwright
- Test-Driven Development (TDD)
- RBAC, Security Headers, CSP, Vulnerability Audits

UI/UX & Tooling

- Tailwind CSS, Shadcn UI
- Responsive Design, SPAs, PWAs
- Git-based workflows, code reviews

Deployment & Infrastructure

- Linux server management via SSH
- Application deployment & production updates
- Nginx configuration for web applications
- Environment variable & configuration management

Third-Party Integrations & External Services

- REST & SOAP API Integration
- Direct database access via secure tunnels
- Payment gateways APIs
- Courier & logistics APIs

PROFESSIONAL EXPERIENCE

Full Stack Developer - PRAXXYS Solutions Inc.
June 2021 – August 2025

- Led backend architecture and core system development for **enterprise-level web and mobile applications** using Laravel and Node.js.
- Designed and maintained scalable RESTful APIs supporting complex business logic, third-party integrations, and multi-role access.
- Integrated **AI-powered chatbots and workflow automation**, improving internal efficiency and enhancing customer-facing features.
- Built and deployed cross-platform mobile applications using **Vue.js, Nuxt.js, and Capacitor**, reducing development and maintenance overhead.
- Conducted code reviews, technical mentoring, and developer evaluations to maintain high engineering standards.
- Implemented testing strategies (unit, integration, E2E) and performance optimizations to improve reliability and scalability.
- Provided technical leadership in project planning, task estimation, and sprint execution to ensure on-time delivery.
- Strengthened application security through OAuth2, JWT-based authentication, RBAC, and periodic security reviews.
- Deployed and maintained production applications on Linux servers, handling **SSH-based server access**, environment configuration, and release updates.
- Configured and managed **Nginx** for Laravel and Nuxt applications, ensuring secure and optimized production setups.
- Managed **environment variables, secrets, and deployment configurations** across staging and production environments.

- Supported CI/CD workflows and production monitoring to ensure stable releases and minimal downtime.
- Integrated reCAPTCHA for secure forms, push notifications for user engagement, and WebSockets for real-time updates across web and mobile apps.
- Configured Google Analytics to monitor traffic, user behavior, and conversion metrics for client applications.
- Integrated multiple third-party services via REST and SOAP APIs, including payment gateways, courier services, and enterprise platforms.
- Accessed and synchronized external databases through secure Cloudflare Tunnels, enabling real-time data flow without exposing production systems.
- Designed API contracts and data synchronization strategies for external systems, ensuring reliability, security, and minimal downtime.

Front-End Developer - PRAXXYS Solutions Inc.
March 2020 – May 2021

- Developed responsive and interactive user interfaces using **Vue.js, HTML, CSS, and JavaScript**.
- Collaborated closely with backend teams to integrate APIs and ensure seamless data flow across applications.
- Translated Figma and UI/UX designs into pixel-accurate, production-ready interfaces.
- Improved user experience and page performance across multiple client-facing platforms.
- Participated in Git-based version control workflows and early CI/CD adoption.

EDUCATION

Bachelor of Science in Information Technology
Pangasinan State University – Lingayen, Pangasinan (2019)

Drafting Technology
Pangasinan School of Arts and Trades – Lingayen, Pangasinan (2015)