

Htun Kyaw

Senior Web Developer

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ABOUT ME

Highly pragmatic Senior Web Developer and Team Lead with 5 years of professional experience building high-performance, scalable enterprise web applications and e-commerce ecosystems. Proven track record of leading development teams, optimizing complex database architectures, and engineering high-efficiency web layers over corporate ERP systems. Deeply grounded in computational logic with an academic background in High-Performance Computing (HPC), specializing in Domain-Driven Design (DDD), Modular architectures, and aggressive system-wide performance optimization.

EDUCATION

(2017 - 2020)

UNIVERSITY OF COMPUTER STUDIES MANDALAY

(2023 - 2025)

TWINKLE COLLEGE NCC level 5 Diploma (UK)

WORK EXPERIENCE

UMG MYANMAR – LEAD WEB DEVELOPER

2024–NOW

- Managed a 4-member engineer team, transitioning them to React/Vue/Node and implementing DDD for zero-defect production releases.
- Architected from scratch the entire project setup, directory architecture, and database schemas (ERDs) for all incoming corporate software installations.
- Partnered directly with cross-functional business units (BUs), branches, and division heads to gather specifications and align engineering with corporate goals.
- Maintained and developed 4 high-scale enterprise platforms (WinFinance, EMS, TIS, WebPortal) serving 6,000 total / 3,000 daily active users.
- Oversee a broad digital ecosystem of 15+ auxiliary sites, including multi-branch web presences, corporate landing pages, and lightweight e-commerce setups.
- Architected an enterprise Odoo web portal layer to centralize workflow pipelines, significantly reducing expensive ERP user-licensing costs.
- Engineered a Redis server-side caching strategy for Odoo master data, completely eliminating redundant external API loading latencies.
- Enforced strict data security by creating custom Role-Based Access Control (RBAC) engines via Spatie and Laravel policies.
- Consolidated global cloud assets across AWS, Alibaba Cloud, and DigitalOcean, safely backing up and decommissioning redundant servers.

PANACEA-SOFT – SENIOR WEB DEVELOPER

2022–2023

- Accelerated legacy page speeds by up to 6x via strategic database query indexing and nested-loop code cleanup.
- Managed daily customer support ticket lifecycles, diagnosing complex bugs and delivering rapid production hotfixes to maintain high platform SLAs.
- Executed custom client re-skinning services, overhauling UI/UX themes and branding layers across multi-tenant e-commerce deployments.
- Implemented frontend Service Workers to handle client-side data mapping, resulting in ultra-fast, real-time product filtering.
- Engineered a dynamic row-based custom fields system, enabling non-technical admins to alter database schemas on the fly.
- Built a centralized deployment dashboard with one-click core installations and script updates across e-commerce ecosystems.
- Chaired peer code reviews and sprint planning sessions in an Agile environment to assure strict feature stability.

- Developed full-stack features utilizing Laravel, Vue.js, and TypeScript to hit fast-paced Agile sprint goals.
- Enforced strict data and folder structures across codebases, utilizing clean MVC/MVVM patterns to maximize code maintainability.
- Integrated secure multi-channel OAuth workflows including Email, Phone, Google, Apple, and Facebook sign-ins.
- Programmed core software utilities covering live chat, Firebase push notifications, Google Maps APIs, and Stripe/PayPal SDKs.

TECHNICAL SKILLS & DOMAIN KNOWLEDGE

- Core Programming Languages: PHP (Advanced), JavaScript (ES6+), TypeScript, Node.js, SQL, Python (fundamental).
- Backend Frameworks & Tools: Laravel (Inertia, Livewire), Spatie RBAC, RESTful APIs, Odoo API Integration, Redis Caching, Package Dependency Management.
- Frontend Technologies: Vue.js, React.js, Next.js, JQuery, Pinia/Vuex, Service Workers, Tailwind CSS, Bootstrap, Component Libraries (Ant Design, MaryUI, Shadcn).
- Databases & Cloud Infrastructure: MySQL, PostgreSQL, MongoDB, Firebase (Cloud Messaging & Auth), Nginx, Apache, Server Deployment, Linux, Google Cloud APIs.
- Developer Tools & Version Control: Git, GitHub, GitLab, Bitbucket, Docker.
- Methodologies & Project Management: Domain-Driven Design (DDD), Modular Architecture, MVVM/MVP Patterns, Agile/Scrum, ClickUp task management.
- Academic Foundations & Analytics: High-Performance Computing (HPC) logic, NumPy, basic Machine Learning concepts, structural data modeling.

CORE PROJECT HIGHLIGHTS

WinFinance Loan Management System (UMG) Tech Stack: Laravel, Vue.js, Quasar Framework, MySQL, Odoo API, Firebase, BoomSMS

- Developed an enterprise financial engine managing complex loan applications, automated interest logic, and live guarantor tracking.
- Built secure multi-step approval pipelines and integrated background queue handlers for automated SMS/Firebase status alerts.

Effective Meeting & Workflow Management System (UMG) Tech Stack: Laravel, Vue.js, Pinia, MySQL, Firebase, Nginx

- Deployed a nationwide corporate network processing action-items, tasks, and KPI milestones across all company branches.
- Optimized client-side state via Pinia and applied strategic database indexing to handle high daily user concurrency with sub-second page loads.

Training Information System (UMG) Tech Stack: Laravel, Vue.js, MySQL, PostgreSQL (Read-Only)

- Designed multi-database cross-joins to securely blend live transactional application tables with master Odoo records on read-only PostgreSQL layers.
- Enforced clean data-mapping boundaries to isolate repository layers, ensuring secure tracking for corporate compliance and employee assessments.

PSX Multipurpose Classified Ecosystem (Panacea-Soft) Tech Stack: Laravel, Vue.js, TypeScript, MySQL, Firebase Cloud Messaging, Multi-Channel OAuth, Stripe/PayPal SDKs

- Engineered an all-in-one multi-vendor marketplace featuring localized location mapping, real-time chats, and tokenized payment gateway webhooks.
- Formulated an administrative panel capable of executing one-click core installations and synchronized script updates across client instances.

REFERENCES

Mr. Pyae Pyho Han (Founder Of Panacea-Soft,
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