

NAPAPORN SUTTINARKSOMBAT

Nonthaburi, Thailand, 11140 | 083-539-4599 | n.suttinarksombat@gmail.com

Work Preference: 100% Remote | Target Role: Senior Full-Stack Engineer / Technical Lead

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with over 12 years of experience specializing in systems modernization, digital transformation, and high-concurrency retail application design. Proven track record in transitioning fragmented legacy operations into scalable web architectures, including platforms securing ฿92M+ in annual gross transaction value (GTV). Deep technical expertise across the JavaScript/TypeScript ecosystem with production-level Full-Stack Node.js (Nuxt 4) framework implementation, paired with extensive experience customizing enterprise PHP 8.x engines. Recognized for strong technical leadership in remote, asynchronous environments, delivering clean, maintainable systems that directly align with business growth.

CORE COMPETENCIES

- Architecture & Frameworks: Full-Stack Node.js, Custom MVC Frameworks, Micro-Frontends, TypeScript
 - Systems Modernization: Incremental Framework Migration, Legacy Code Refactoring (PHP 7 to PHP 8.3)
 - Enterprise Integrations: Oracle ERP Sync, Secure Third-Party APIs, Payment Gateway Architectures
 - Database & Concurrency: Pessimistic/Optimistic Locking, Query Optimization, High-Traffic Management
 - DevOps & Automation: GitHub Actions CI/CD, Nginx Proxy Routing, Azure Auth (SSO) Integration
-

PROFESSIONAL EXPERIENCE

Senior PHP Programmer Tungthanasin Co., Ltd. (Easy Money) | Pathum Thani, Thailand (Remote) December 2022 - Present

- High-Volume Transaction Management: Maintained and optimized core retail POS software (POSLite) operating across nearly 100 branches nationwide; stabilized backend services handling 3,600+ high-value invoices and over ฿92 Million in annual transaction volume with zero financial discrepancies.
- Incremental Architecture Migration: Led the phased migration of core back-office internal systems (serving 80+ active corporate users) from monolithic legacy code to a modern Nuxt 4 (TypeScript/SPA) architecture.
- Automated Network Routing: Designed a central JSON-driven registry to automatically generate Nginx reverse proxy maps, allowing safe, path-based traffic routing between legacy servers and Nuxt 4 during the active migration phase.
- Decoupled Authentication Bridge: Developed a cross-framework session bridge using JWT token-exchange, converting stateful legacy PHP sessions into stateless Node.js server environments without database tight coupling.
- Enterprise Data Synchronization: Built resilient data synchronization pipelines to serialize real-time inventory, sales, returns, and AR invoices directly into Oracle ERP; engineered custom validation states to prevent duplicate ledger records across distributed branches.

- Transaction Idempotency: Implemented a unique "Cancel-and-Replace" checkout API sequence for the WS API (T2P Payment Gateway), ensuring stale or interrupted transactions are programmatically voided prior to recharging, eliminating double-billing.
- CI/CD Pipeline Engineering: Configured and managed automated GitHub Actions CI/CD workflows for build execution and continuous deployment across production environments, alongside managing Azure Authentication (SSO) layers.

Information Systems Officer Premacare International Co., Ltd. | Nonthaburi, Thailand June 2013 - December 2022

- Digital Transformation (0 to 1): Architected and deployed tailored internal enterprise web applications and B2B E-commerce systems from scratch, migrating the company's core workflows from manual Excel tracking to secure, centralized web platforms.
- Regulatory Calculation Automation: Engineered a centralized R&D formulation engine that validated chemical percentages against strict FDA compliance guidelines; increased departmental output by over 1,300% (moving from 2-3 to 40+ formulas processed daily) with 99% compliance accuracy.
- Workflow Optimization: Maintained application stability for 80+ internal users across corporate office and factory environments, significantly accelerating time-to-market and reducing operational human error.
- Micro-Frontend Integration: Modernized legacy PHP user interfaces dynamically by embedding Vue.js (2/3) via CDN, introducing reactive component layers with Vuetify and Bootstrap without disrupting backend business logic cores.
- Database & Operations Alignment: Formulated relational database schemas to match physical manufacturing floor workflows, enforcing strict data access privileges to safeguard corporate intellectual property.

TECHNICAL SKILLS

- Backend Technologies: Node.js (Nuxt Server / Nitro Engine), RESTful API Design, PHP 8.3.2 / 7.x (Custom CodeIgniter 3 Modification), JavaScript (ES6+), TypeScript
- Frontend Frameworks: Nuxt 4 (Full-Stack), Vue.js 2/3 (CLI & CDN), Vuetify 3, Bootstrap, Tailwind CSS (Strong foundational knowledge of React.js architectural patterns, lifecycle, Hooks, and state management)
- Databases & ERP Systems: MySQL, MSSQL, Oracle ERP Integration, Database Locking (Pessimistic/Optimistic), Query Tuning
- Security & Auth Protocols: JWT (JSON Web Tokens), MD5 Checksum Signatures, Azure Authentication (SSO / OAuth concepts), Role-Based Access Control (RBAC)
- Tools & Infrastructure: Git Workflow, GitHub Actions (CI/CD Setup), Nginx Reverse Proxy, Automated Server Sync, Log Tracing & RCA

EDUCATION

Master of Science in Information Technology King Mongkut's University of Technology North Bangkok (KMUTNB)

Bachelor of Business Administration in Information Technology Rajamangala University of Technology Phra Nakhon (RMUTP) | Bangkok, Thailand

LANGUAGES

- Thai: Native Speaker
- English: Professional Working Proficiency (Capable of managing technical requirement gathering, software architecture documentation, and cross-functional technical communication)