

JONRICH BASCUG

FULL STACK PHP DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack PHP Developer with professional experience designing, developing, and maintaining scalable production web applications using PHP/Laravel. Experienced in backend engineering, authentication systems, database optimization, API integrations, secure application development, and enterprise-level system modernization. Actively utilizing AI Agents and LLM-powered workflows to accelerate development, decision-making processes, and build AI-augmented software solutions. Strong understanding of software architecture, performance optimization, and modern web development practices, with transferable skills applicable across PHP ecosystems including Laravel-based applications and CMS platforms such as WordPress.

TECHNICAL SKILLS

Backend Technologies

- PHP
- Laravel Framework
- REST API Development
- MVC Architecture
- Object-Oriented Programming
- Authentication & Authorization
- Role-Based Access Control (RBAC)

Frontend Technologies

- HTML5
- CSS3
- JavaScript
- AJAX
- Bootstrap
- jQuery
- Blade Templating Engine
- Responsive Web Design

Database Development

- MySQL
- Relational Database Design
- Query Optimization
- Database Performance Tuning

Software Engineering

- System Design
- Software Architecture
- Legacy System Modernization
- Technical Documentation
- Production Debugging
- Web Application Security
- API Integration

Tools & Version Control

- OpenCode / Claude Code / Codex
- Google Stitch / Figma
- Git / GitHub / Bitbucket

WORK EXPERIENCE

Web Application Developer | CDO Foodsphere Inc.

December 2024 – Present

Enterprise Web Applications & Systems Engineering

System Architecture & Modular Design: Maintained, designed, and optimized high-impact backend modules using PHP and Laravel within a Modular Monolith architecture, supporting critical business operations for a company of over 5,000 employees.

Database & Query Optimization: Optimized database performance to ensure fast, reliable data handling and resolved query bottlenecks to support high-traffic operations.

Legacy System Maintenance: Maintained backend stability for core legacy platforms, including the Food Distribution Information System (FDIS), by managing critical monthly updates and invoice tracking workflows.

System Modernization & AI Agent Orchestration

Legacy System Upgrades: Successfully spearheaded the end-to-end framework and infrastructure upgrade of two critical enterprise applications: the Customer Complaint Tracking System (CCTR) and Overall Equipment Effectiveness (OEE) dashboard.

AI Agent Orchestration: Programmed and orchestrated a custom network of AI Agents and specialized subagents to automate the detection of deprecated syntax, breaking changes, and framework lifecycle mismatches across the legacy code.

Full-Stack Dependency Alignment: Streamlined the modernization of legacy frontend architectures, utilizing agentic workflows to upgrade JavaScript, Bootstrap, AdminLTE, jQuery, and DataTables with zero operational downtime.

Advanced Feature Delivery & Real-Time Systems

AI-Driven Analytics Workflow: Architected and integrated a secure AI processing feature within the Customer Complaint Tracking System (CCTR) dashboard; utilized the OpenRouter API to dynamically ingest core query filters (baseQuery) and automatically synthesize plain-English data trends.

Real-Time Data Pipelines: Developed a real-time event application featuring timestamped eligibility rules, custom admin prize-management panels, and highly responsive data streaming using AJAX API chaining to sync data across smart displays.

Application Security & Compliance

Identity & Access Management: Implemented stringent Role-Based Access Control (RBAC) policies across multiple enterprise applications (Clinic, Complaint, BizCard systems)

to enforce data isolation by plant location, department boundaries, and job seniority tiers.

Defensive Engineering & Compliance: Strengthened system security and strictly adhered to Data Privacy regulations by implementing Two-Factor Authentication (2FA) via Authenticator Apps and Email OTP.

Immutable Audit Logging: Integrated robust audit logging capabilities using Spatie Laravel packages to track detailed immutable historical state changes (capturing user context, IP addresses, geo-location, and before/after delta values).

Production Support & AI-Augmented Workflows

L3 Technical Support & Incident Management: Provided comprehensive Level 3 application support across all production internal applications; utilized Freshservice to systematically monitor Service Level Agreements (SLAs), isolate root causes, and deploy critical production hotfixes.

AI-Augmented Development Workflow: Utilized advanced context-prompting techniques with LLM architectures to rapidly map out complex legacy architectures and significantly accelerate the feature prototyping lifecycle while enforcing strict human-in-the-loop code reviews.

Event Tech Implementation & Support

IT Week (Tech'ka Muna!) – Game Developer & Tech Support Lead: Successfully implemented interactive event games and provided comprehensive technical booth support for the company's first-ever tech event.

CERTIFICATIONS

- CompTIA ITF+ Certification — August 2024

EDUCATION

Bachelor of Science in Computer Science

Our Lady of Fatima University | January 2020 – August 2024