

RYAN BOC

Senior PHP/Laravel Developer & Linux Systems Administrator

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PROFESSIONAL SUMMARY

Senior PHP/Laravel developer and Linux systems administrator with 15+ years of software-development experience. Builds and operates production systems for poultry, agriculture, warehousing and manufacturing, spanning application architecture, database design, barcode traceability, operational reporting, API integrations, automation and Linux infrastructure. Trusted to translate complex operational rules into maintainable business systems and support them in production.

CORE EXPERTISE

Laravel & PHP • Backend systems • MySQL/MariaDB • REST APIs & webhooks • GS1/barcode integration • Excel/PDF reporting • Linux, Nginx & PHP-FPM • Cloudflare & DNS • Production support • Legacy-system modernisation

PROFESSIONAL EXPERIENCE

Senior PHP/Laravel Developer & Linux Systems Administrator | Inglewood Farms / Country Synergy

Queensland, Australia | Oct 2023–Present

- Own the design, enhancement and production support of business-critical applications used across plant, farm, warehouse, production and finance operations.
- Develop Laravel and PHP solutions for pallet and product traceability, production reporting, invoicing, stock management, livestock records and operational alerts.
- Integrate 1D and GS1-128 barcode scanning with Ishida and Honeywell workflows, generate shipping labels and retain production data for end-to-end traceability.
- Build customer-specific Excel/PDF reports and scheduled email workflows, including automated stock-on-hand reporting and auditable recipient/test-mode controls.
- Design and troubleshoot REST APIs and webhooks, including workforce clocking-event ingestion, employee lookups and Cloudflare-secured public connectivity.
- Administer Debian/Ubuntu servers, Nginx, PHP-FPM, MySQL/MariaDB, SSL, DNS, Cloudflare tunnels, backups and deployment workflows.
- Partner directly with warehouse, production, finance and management teams to investigate data discrepancies and turn operational requirements into reliable software changes.

PHP Developer / Business Systems Developer (Remote) | Inglewood Farms / Country Synergy

Philippines / Australia | 2016–Sep 2023

- Developed and maintained internal PHP and MySQL systems supporting poultry production, farm monitoring, sales, inventory, invoicing and management reporting.
- Enhanced PlantNET and FarmNET with operational rules, data exports, production reports, mortality monitoring, weight analysis and automated notifications.
- Supported legacy applications while progressively introducing Laravel, improved database queries, stronger validation and modern frontend components.
- Provided remote production support, diagnosed application and data issues, and coordinated fixes with Australian operational users.
- Prepared deployments, database backups and server changes using Git and Linux command-line workflows before transitioning to the on-site Australian role.

Earlier PHP & Web Development Roles | Multiple organisations

Metro Manila, Philippines | 2010–2016

- Built and supported database-driven web applications using PHP, MySQL, JavaScript, HTML and CSS.
- Developed practical experience across the full application lifecycle, including requirements, implementation, testing, deployment and user support.

SELECTED SYSTEMS & PROJECTS

Warehouse Barcode & Pallet Traceability: Laravel system for receiving, storage, pallet transfer and dispatch; includes duplicate-scan controls, configurable customer movement rules, goods-stored reporting and automated customer stock reports.

Production Barcode, Labelling & Traceability: Scans 1D and GS1-128 barcodes, extracts GTIN, weight and best-before data, validates production rules, generates Honeywell PM45 shipping labels and stores print/scan history for traceability.

PlantNET & FarmNET Operations Platforms: Maintains ordering, invoicing, stock, harvest, mortality, rearing/growing, bird-weight and operational reporting workflows across plant and farm environments.

Workforce Event API Integration: Laravel endpoints for clock-in, clock-out and break event notifications plus employee lookup, logging and Cloudflare Tunnel connectivity for production-floor devices.

Silo Feed Level System: Role-based Laravel application for 16 silos, daily feed levels, orders, operational history and label/report generation.

IT Asset Management: Filament-based asset register with company, location and employee filters plus structured exports for operational IT management.

TECHNICAL SKILLS

Backend: PHP 8.x, Laravel 8–12, CodeIgniter, REST APIs, webhooks, queues, scheduled commands, validation

Data: MySQL, MariaDB, SQLite, SQL optimisation, data reconciliation, CSV/Excel import-export, database backup and restore

Frontend: JavaScript, jQuery, DataTables, Tailwind CSS, HTML5, CSS3, Livewire, Inertia, React fundamentals, Vite

Reporting: Laravel Excel, PDF generation, TCPDF/FPDF, automated email reports, operational dashboards

Infrastructure: Debian, Ubuntu, Nginx, PHP-FPM, Bash, cron, CUPS, SSL/Certbot, BIND9, Cloudflare, Docker, VirtualBox, Proxmox

Hardware & Integration: GS1-128, 1D/2D scanners, Ishida workflows, Honeywell handhelds, Honeywell PM45 label printers, NoahFace attendance devices

Delivery: Git, GitHub, production deployments, environment configuration, incident troubleshooting, user support, technical documentation

EDUCATION

FEU Institute of Technology | Manila, Philippines

Higher education studies, 2004–2009

PROFESSIONAL INTERESTS & HOME LAB

Operate a Proxmox homelab hosting Linux web services, Immich, Nextcloud, Pi-hole/Unbound and private connectivity. Continue hands-on learning in infrastructure automation, machine vision, industrial barcode readers and warehouse technology.