HIRO AURELIO HASHIMOTO

Full-Stack Developer | PHP & JavaScript (React • Node.js • TypeScript)

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PROFESSIONAL SUMMARY

Full-stack developer with 8+ years of PHP-based development (OOP/MVC/CodeIgniter/Laravel) and MySQL/MariaDB data architecture, building enterprise web systems, role-based dashboards, and database-backed platforms across academic, payroll, healthcare, and ERP/POS environments. Alongside this PHP foundation, has delivered full-stack JavaScript-based web systems — JavaScript (ES6+), Node.js, TypeScript, and React.js — in recent engagements at Private Korean Company (Oct 2023 – Oct 2024) and Mandaluyong College of Science and Technology (Aug 2024 – Present), spanning roughly the past three years. Has designed and shipped role-based admin, faculty, and student dashboards, analytics/reporting interfaces, and REST API integrations (Shopify, Google OAuth/GA4/Sheets, Microsoft Teams) that connect front-end interfaces to backend data sources using both stacks.

Comfortable operating in distributed, cross-timezone remote teams, having independently managed the full development and deployment lifecycle for a Korean enterprise client in a fully remote engagement. Deploys and maintains production systems on Linux-based hosting (cPanel/WHM) and cloud infrastructure (AWS, Cloudflare, Hostinger), with working knowledge of DNS management, environment configuration, and Git/GitHub version control. Brings a consulting mindset — requirements gathering, stakeholder consultation, and iterative delivery — to technical platform development, with proven ability to manage concurrent projects independently and communicate clearly across technical and non-technical stakeholders.

CORE COMPETENCIES

- Full-Stack Development — PHP (8+ yrs, OOP/MVC/Laravel/CodeIgniter) & JavaScript (Node.js, React.js, TypeScript)
- Dashboard & Admin Interface Development — Role-Based Multi-User Platforms
- REST API Design & Third-Party API Integration
- Database Design & Architecture (MySQL/MariaDB)
- Git / GitHub Version Control & Collaborative Development Workflows
- Linux Hosting & Cloud Deployment (AWS, Cloudflare, Hostinger)
- Remote / Distributed Team Collaboration Across Time Zones
- Requirements Gathering, Solutions Architecture & Stakeholder Consultation
- Process Automation (PowerShell Scripting)
- Microsoft 365 Administration & Technical Support (Freshdesk)

TECHNICAL SKILLS

Front-End & JavaScript: JavaScript (ES6+) — 8+ yrs, TypeScript, React.js (working knowledge — component-level UI development), Vue.js, HTML5, CSS3, Bootstrap, Responsive Design, AJAX, Async/Await, Event-Driven Architecture

Back-End & Languages: Node.js, PHP (OOP, Modular, Procedural, MVC) — 8+ yrs, Laravel, CodeIgniter, Symfony

Databases: MySQL / MariaDB, Database Architecture & Schema Design, Query Optimization, phpMyAdmin, Data Analytics & Reporting

Version Control & Workflow: Git / GitHub, Server Migration, CI-style Deployment Workflows, Environment Configuration

APIs & Integrations: REST API Development & Integration, Google OAuth / GA4 / Sheets API, Microsoft Teams API, Shopify API Integrations, Payment APIs (Maya, GCash, Credit), Email/SMTP, Social Media Platform APIs

Cloud & Infrastructure: AWS, Cloudflare, Hostinger, cPanel / WHM, Linux Hosting, DNS Management, Production Deployment

Microsoft 365 & Systems Administration: Microsoft 365, Teams, Exchange Online, SharePoint Online, OneDrive, Entra ID / Azure AD, Conditional Access, MFA, User Provisioning, Identity & Access Management, Group Administration, Licensing, Security Administration, PowerShell Automation

Technical Support Tools: Freshdesk, Email Support, Ticket Management, Incident Management, Escalation Handling, Root Cause Analysis, Remote Support, End-User Documentation

SOFTWARE ENGINEERING HIGHLIGHTS

- Developed enterprise web applications spanning payroll, ERP, POS, healthcare, education, inventory, and SaaS environments, using both PHP and JavaScript-based stacks.
- Designed REST API integrations connecting Shopify, payment gateways (Maya, GCash), Google APIs, and Microsoft Teams to internal business systems.
- Implemented role-based authentication, authorization, and multi-tenant architecture across multiple business-critical systems.
- Built dashboard interfaces, reporting platforms, and analytics modules supporting administrative and operational decision-making.
- Managed full software development lifecycle — requirements gathering, architecture design, development, testing, deployment, and production support — across PHP and JavaScript-based projects.

PROFESSIONAL EXPERIENCE

Mandaluyong College of Science and Technology (MCST) August 2024 – Present

IT Consultant / Software Developer (Consultant) | Mandaluyong City, Philippines

- Architect and implement role-based access control (RBAC), database structures, and reporting/dashboard modules supporting multi-role access (Admin, Faculty, Student).
- Provide end-to-end system implementation: solution design, PHP/MySQL/JavaScript development, database architecture, testing, deployment, and post-launch support.
- Conduct requirements gathering and stakeholder consultation with administrators and department heads to translate institutional needs into solution architecture for academic systems, grading systems, enrollment systems, and student information platforms.
- Lead digital transformation and systems modernization initiatives, partnering with college leadership to assess existing infrastructure and define technology roadmaps.
- Deliver ongoing process improvement recommendations, identifying inefficiencies and proposing technical solutions that strengthen institutional operations.
- Serve as primary technical consultant for the institution's ongoing software modernization program.

Jose Rizal University June 2022 – May 19, 2026

Data Analyst / Systems Developer / Academic Systems Administrator | Mandaluyong City, Philippines

- Designed and optimized database schemas and reporting structures, building scalable dashboards and automated reporting pipelines that improved institutional analytics and decision-making.
- Developed custom internal systems including a Guidance Office Scholarship Entrance Examination System and a Turnstile Access Control & Attendance Monitoring System.
- Administered the university's enterprise Microsoft 365 environment — Exchange Online, SharePoint Online, OneDrive, Microsoft Teams, and Entra ID (Azure AD) — covering user provisioning, identity and access management, group administration, licensing, Conditional Access, MFA, and security administration.
- Designed and executed PowerShell automation scripts for bulk user creation, Teams/Class group provisioning, membership and channel management, and permissions, reducing manual administrative effort across the institution.
- Managed Freshdesk ticket queues and email support channels, performing ticket triage, prioritization, escalation handling, root cause investigation, and incident resolution within defined SLAs for students, faculty, and staff.
- Administered ExamSoft (Turnitin) and Examplify platforms end-to-end: assessment imports, question bank management, exam scheduling, deployment configuration, live exam monitoring, and post-exam reporting.
- Provided end-user technical support and documentation for examination software, digital learning platforms, and institutional systems, resolving access and technical issues for the university community.
- Delivered onboarding, training, and technical guidance to faculty and staff on Microsoft 365, Teams, and academic platforms, supporting smoother technology adoption university-wide.

Private Korean Company October 2023 – October 2024

Full Stack Developer / Cloud Engineer (Remote) | Makati, Philippines

- Developed PHP and JavaScript-based enterprise systems and modular backend applications for a Korean client in a fully remote, cross-timezone engagement.
- Built REST API endpoints and front-end interface components to support full-stack feature delivery, using Git for version control and collaborative development.

- Designed scalable MySQL databases, implemented deployment workflows, and maintained cloud-hosted production systems with a focus on performance and reliability.
- Operated independently in an output-based arrangement, managing the full development and deployment lifecycle.

St. Patrick's Health Care System, Inc. **May 2015 – July 2021**
IT Head | Mandaluyong, Philippines

- Designed and deployed a full clinic management system (PHP/MySQL) covering POS, billing, queueing, and patient registration, streamlining front-desk and clinical workflows.
- Built reporting dashboards and patient database architecture supporting operational and clinical decision-making.
- Served as sole IT lead, overseeing all IT operations, production deployment, system maintenance, and infrastructure management for the facility.

MAJOR PROJECTS

Warehouse Management System with Delivery, Sales Reporting & Inventory
JavaScript, TypeScript, REST APIs, JSON, Inventory Management, Dashboard Development, RBAC Authentication

- Developed a warehouse management platform for inventory monitoring, stock movement, supplier management, and warehouse operations.
- Implemented inventory adjustment, stock transfer, receiving, and inventory reporting modules.
- Built sales reporting dashboards and analytics for operational monitoring.
- Developed delivery workflows including rider assignment, order tracking, and fulfillment monitoring.
- Implemented role-based access controls for warehouse personnel, dispatchers, and administrators.

EAF Payroll / PayrollOnePH (Philippine-Based Multi-Tenant Payroll SaaS)
JavaScript, TypeScript, REST APIs, JSON, Multi-Tenant SaaS Architecture, RBAC Authentication

- Developed a multi-tenant payroll management platform supporting multiple companies and organizations from a shared codebase.
- Built payroll processing, attendance integration, employee management, and payroll computation modules.
- Implemented SSS, PhilHealth, HDMF, withholding tax, loan deductions, recurring earnings, and payroll reporting.
- Developed an employee self-service portal allowing employees to view their own payslips and apply for loans.
- Implemented company branding, user roles, and access control management for client organizations.

Water Station Management System with Inventory, Sales Reporting & Delivery
JavaScript, TypeScript, REST APIs, JSON, Dashboard Development

- Developed a water station management platform supporting inventory, sales, customer management, and delivery operations.
- Built order processing, delivery scheduling, and inventory monitoring modules.
- Created operational dashboards and business performance reports.
- Implemented role-based user management and reporting functionality.

Learning Management System (Canvas-Style LMS)
JavaScript, TypeScript, REST APIs, JSON, Academic Workflow Development, RBAC Authentication

- Developed a learning management system supporting online learning and academic administration.
- Built course management, assignment management, quiz management, grading, and announcement modules.
- Implemented faculty and student portals with role-based access control.
- Developed learning analytics dashboards and academic reporting tools.

Queue Management System
JavaScript, TypeScript, REST APIs, JSON, Real-Time Dashboard Development

- Developed a queue management system supporting ticket generation, queue assignment, and counter management.
- Built public display dashboards and queue monitoring interfaces.
- Implemented recall functionality, queue notifications, and real-time queue updates.
- Developed administrative dashboards for service monitoring and reporting.

Mrs. Garcia's Meatshop POS, Delivery & Inventory Management System
JavaScript, TypeScript, REST APIs, JSON, POS System, Inventory Management, Delivery Management, RBAC Authentication

- Developed an integrated POS, inventory, warehouse, and delivery management platform.
- Built sales processing, inventory tracking, stock monitoring, and delivery assignment modules.
- Created reporting dashboards for sales analytics, inventory monitoring, and operational reporting.
- Implemented role-based access controls for administrators and operational users.

API Integrations & Enterprise Connectivity

PHP, JavaScript, REST APIs, JSON, OAuth, MySQL, Third-Party Integrations

- Implemented Shopify API integrations for inventory synchronization and order processing.
- Integrated Google OAuth, Google Analytics 4, Google Sheets API, Microsoft Teams API, and email/SMTP services.
- Developed API-driven workflows supporting authentication, reporting, inventory updates, and business process automation.
- Worked with JSON payloads, webhooks, authentication tokens, and external service integrations.

Academic Information Management System (AIMS) / Student Information System / Academic Grading Management System

PHP, CodeIgniter, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, REST APIs, RBAC Authentication

- Developed a complete academic information management platform supporting enrollment, grading, curriculum, and student records.
- Built student management, faculty management, subject management, section management, and academic year modules.
- Implemented faculty grade encoding, grade computation, grade approval workflows, and student grade viewing.
- Developed enrollment processing, curriculum mapping, scheduling, and academic reporting modules.
- Built student and faculty portals with secure role-based access controls.

Cooperative Management System

PHP, CodeIgniter, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, Financial Reporting, RBAC Authentication

- Developed a cooperative management platform supporting member records, loans, savings, and share capital.
- Implemented loan application, approval, payment tracking, and interest computation modules.
- Built financial reports, audit trails, transaction histories, and administrative dashboards.
- Led a full system migration from Pair Networks to Hostinger, including deployment testing and bug fixes — ensuring zero data loss during transition.

Pharmacy POS & Inventory Management System

PHP, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, REST APIs, RBAC Authentication

- Developed a pharmacy POS and inventory management system supporting medicine sales and stock monitoring.
- Implemented batch tracking, expiry monitoring, supplier management, and prescription uploads.
- Built inventory deduction, receiving, and pharmacy reporting modules.
- Developed sales analytics dashboards and stock alert functionality.

Meatshop Sta. Maria Frozen Meat POS with Inventory & Warehouse Management

PHP, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, POS System, Inventory Management

- Developed a POS and inventory management platform for frozen meat business operations.
- Built warehouse inventory tracking, product management, stock monitoring, and sales processing modules.
- Implemented inventory movement, purchase receiving, stock adjustments, and reporting features.

Healthcare / Clinic Management System

PHP, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, RBAC Authentication

- Developed a clinic management platform supporting patient registration, billing, queueing, and records management.
- Built appointment monitoring, transaction processing, and reporting dashboards.
- Implemented administrative access controls and patient information management.

Scholarship Entrance Examination System

PHP, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, RBAC Authentication

- Developed an examination management platform supporting applicant registration and scholarship assessments.
- Built examination scheduling, question management, scoring, and result generation modules.
- Developed reporting dashboards and applicant evaluation workflows.

Mandaluyong College of Science and Technology — Official Website

PHP, JavaScript, Bootstrap, HTML5, CSS3, MySQL, Responsive Web Design

- Developed and maintained the institution's official website and public information portal.
- Built admissions, announcements, academic program, and contact information modules.
- Implemented responsive layouts and content management functionality.

Turnstile Access Control & Attendance Monitoring System

PHP, JavaScript, AJAX, Bootstrap, HTML5, CSS3, MySQL, RFID Integration, REST APIs

- Developed a turnstile-based attendance and access control platform.
- Implemented entry/exit logging, attendance tracking, and access verification workflows.
- Built real-time attendance dashboards, reports, and monitoring tools.
- Integrated RFID-based identification and database-driven attendance management.

Corporate & Marketing Websites (Rotech, Cloud9Power)

JavaScript, HTML5, CSS3, Responsive Web Design, Lead Generation

- Developed responsive corporate websites showcasing company services and business information.
- Built inquiry forms, landing pages, contact functionality, and lead-generation workflows.
- Optimized user experience and page layouts across desktop and mobile devices.

Other Notable Projects

- Enterprise School ERP (PHP, MySQL, CodeIgniter) — payroll, examination, alumni, leave, and library modules on a scalable MVC architecture.
- Product Catalog / RFQ / Inquiry Platform (XAO) — public catalog site, RFQ/quotation tools, admin CMS, and GA4 integration.
- ITBL Translator System, Loan Management System, HR Management System Website, Movie Streaming Website, Misting System with Thermal Scanner, Faculty Viewer Website, and Portfolio Website.

CERTIFICATIONS & TRAINING

- TESDA National Certificate III (NC III) – Java Programming
- Examination & Assessment Systems (ExamSoft by Turnitin): Exam Day Preparation, PrintX, Question Importing, Question Creation & Features, Assessment Building, ExamNow, ExamID
- Examplify Administration: Examplify deployment, exam configuration, and live exam monitoring
- Microsoft 365 & Collaboration Training: Microsoft Teams Training for Faculty; Microsoft 365 Onboarding and Teams Meeting Administration; Microsoft 365 user and security administration (work-based)
- Cloud, Systems & Infrastructure Training: Cloud Infrastructure Management — AWS, Cloudflare & Hostinger (work-based); System Deployment, Monitoring, and Optimization in Production Environments
- AI & Emerging Technologies: Faculty Congress: Productive and Ethical Use of AI in Teaching and Learning

EDUCATION

- Master of Business Administration (MBA) — INTI International University & Colleges, Malaysia | Jan 2025 – Mar 2026 (Completed | Graduation: Nov 2026)
- Master of Science in Information Technology (MSIT) — In Progress — La Consolacion University Philippines, Malolos, Philippines | September 2024 – Present
- Bachelor of Science in Computer Engineering — Jose Rizal University, Mandaluyong, Philippines | Graduated 2022