

# Hazael Gómez Encinas

Curriculum Vitae

[hazael\\_gomez@yahoo.com](mailto:hazael_gomez@yahoo.com) | +52 6621603035 | <http://resume.hazael.com/> | <https://github.com/elhaza>

## Senior PHP Developer

Over 20 years of experience working with LAMP technologies using PHP, applying Object-Oriented Programming (OOP) and MVC architecture across diverse environments including CentOS, Red Hat, Ubuntu, Windows, and macOS.

## EXPERIENCE

**Internet Brands, El Segundo, CA (Intugo, Hermosillo, Sonora, Mex) PHP Senior Developer** **2009 – 2025**  
**Home Communities Team**

Developed and maintained code in Laravel, PHP, WordPress, Vbulletin, and JavaScript, implementing new functionalities and optimizing database queries for better performance, collaborated closely with QA to ensure defect-free releases.

- **Technical Stack:** Laravel, PHP, HTML, CSS, JavaScript, jQuery, Docker, Linux, Git, Jenkins, CSS, WordPress, Python, JavaScript, MySQL, Linux
- **Key Project:** DavesGarden migration
- **Platform:** Laravel / PHP
- **Role:** Senior PHP / Laravel Developer
- **Duration:** 6 months
- **Project Description:** I worked on the migration of a large-scale legacy system, originally developed in unstructured “spaghetti code,” to a modern Laravel framework. Due to the system’s size, the migration was carried out incrementally by sections. Proxy rules were implemented in Apache to route traffic between the legacy servers and the new Laravel-based modules, ensuring uninterrupted service during the transition.
- **Responsibilities and objectives:**
  - **Analyzed and refactored** legacy code to improve structure, maintainability, and scalability.
  - **Planned and executed** an incremental migration strategy to Laravel, ensuring minimal downtime and smooth user experience.
  - **Implemented proxy rules** to balance requests between old and new environments during the transition.
  - **Upgraded PHP versions** (from older releases to 7 and later 8) to align with modern standards and security practices.
  - **Integrated caching mechanisms** to improve system performance and responsiveness.
  - **Collaborated with cross-functional teams** to test and validate migrated sections before full deployment.
- **Objectives achieved:**
  - Increased code **maintainability and reliability** through Laravel’s structured architecture.
  - Enhanced **system performance and speed** by introducing caching and upgrading PHP versions.
  - Ensured a **smooth migration** process without disrupting critical business operations.
- **Technologies Used**
  - **Languages & Frameworks:** PHP 7/8, Laravel
  - **Infrastructure & Tools:** Proxy rules (reverse proxy configuration), Apache

- **Optimization:** Caching strategies mainly using Memcached ○  
**Collaboration:** Git, Agile methodology

## Careers Team

I worked on multiple career-related sites including aviationemployment.com, groovejob.com, cvtips.com, classadrivers.com, and bubbajunk.com. Supervised and guided a small team of three developers, coordinating tasks, reviewing code, and ensuring timely delivery of high-quality features in hightraffic environments.

- **Technical Stack:** PHP, MySQL, CakePHP, CentOS, Subversion, Sphinx, Memcached, Apache, VBulletin, Varnish, PostgreSQL, Crontab.

## Key Project: Jobs Platform

- **Platform:** Ymir Internal framework / PHP ○ **Role:** PHP Lead ○ **Duration:** 1 Year ○ **Project Description:** Collaborated with the PM to design a new database structure and implement standardized, adaptable code for multiple job board platforms across diverse verticals—including aviation, trucking, and youth employment. Developed a unified framework that streamlined development and maintenance while preserving the flexibility required to meet each vertical’s unique business needs.
- **Responsibilities and Objectives:**
  - **Developed reusable** modules within the Ymir framework to support shared functionality across job portals.
  - **Adapted codebases** to meet the needs of various verticals (aviation, trucking, youth employment, etc.) while maintaining a consistent architecture.
  - **Redesigned database schemas and tables** to optimize for scalability, query performance, and cross-vertical adaptability.
  - **Integrated caching solutions using Memcached** to improve page load times and reduce server overhead.
  - **Collaborated with cross-functional teams** to align framework capabilities with business needs and ensure smooth rollouts across multiple sites.
- **Objectives achieved:**
  - Increased **system performance and scalability** through database optimization and caching strategies.
  - Improved **code maintainability and reusability**, cutting down long-term maintenance costs.
- **Technologies Used**
  - **Languages & Frameworks:** PHP, Ymir (internal framework)
  - **Database:** MySQL (with redesigned schemas and tables)
  - **Caching & Performance:** Memcached
- **Collaboration:** Agile methodology, Git

## Senior PHP Developer (Part time project with client: Arvig Telecom)

2021 –2023

Served as Senior PHP Developer for **Arvig**, a network communications company, delivering new features, performance improvements, and bug fixes for multiple in-house systems.

- **Weekly B2B:** Participated in **weekly B2B meetings** with client stakeholders to review project status, address technical challenges, and propose implementation strategies that aligned with deadlines and performance requirements.
- **Technical Stack:** Laravel, PHP, PHPUnit (Unit Testing), Vue.js, React, JavaScript, jQuery, MySQL, Git, Docker.
- **Responsibilities:** Built and optimized application modules, maintained high-quality code through best practices in testing and version control.
- **Key Project:** Arvig Telecom internal system project
  - **Platform:** Laravel / PHP
  - **Role:** PHP Senior developer
  - **Duration:** About 3 months
  - **Project Description:** Developed an internal system for a Telecom company to enhance network reliability. The project focused on building an algorithm capable of analyzing a series of interconnected devices within the company's network infrastructure. The system identified all possible alternative routes from branch devices to the central hub, ensuring seamless rerouting of traffic in case of a device or path failure.
  - **Responsibilities and Objectives:**
    - **Designed and implemented** a routing algorithm to discover all potential paths between branch devices and the central system.
    - **Developed the logic** to automatically identify alternate routes when a failure occurred, maintaining uninterrupted network connectivity.
    - **Built the solution in Laravel and PHP**, using Eloquent ORM for structured and efficient database interactions.
    - **Collaborated with the telecom team** to validate routing scenarios and ensure real-world applicability.
    - **Optimized system reliability** by simulating different failure cases and ensuring redundancy.
  - **Objectives achieved:**
    - Significantly **increased network resilience** by providing multiple failover routes.
    - Minimized **downtime risks** for critical telecom services.
    - Delivered a **scalable and maintainable system** adaptable to future network expansions.
  - **Technologies Used**
    - **Languages & Frameworks:** PHP, Laravel, Eloquent ORM
    - **Database:** MySQL
    - **Methodology:** Algorithmic problem-solving, redundancy planning, Agile development practices

**Requirement Analyst**

Gathered and defined technical requirements through **regular client meetings** to discuss project details, clarify functional expectations, and ensure alignment between the proposed solution and client needs. Presented progress updates and demonstrations at key milestones, ensuring transparency and client satisfaction throughout the development process.

- Designed technical proposals and prepared detailed quotes based on gathered requirements.
- Created development schedules and assigned tasks to developers, monitoring progress to ensure deadlines were met.
- Led small teams of developers in multiple projects, coordinating with designers and QA teams to implement new systems or enhance existing ones.

**Education**

Master’s Degree in Computer Sciences      Instituto Tecnológico de Hermosillo (2003 – 2008) Computer Systems Engineer  
 Instituto Tecnológico de Hermosillo (1996 – 2001)

**Github** <https://github.com/elhaza/>

Personal projects created to showcase my work publicly on GitHub (as the projects I built for companies are private).		
Hz Band.  Laravel, use of blade (views, layouts, components), routes, creation of commands to get Spotify music links of artists, jobs to import albums, Mail, Models, Services, routing, etc.	<a href="https://github.com/elhaza/hzband">https://github.com/elhaza/hzband</a>	<a href="https://hzband.site/">https://hzband.site/</a>
Algoritmo Flow (Laravel)  Laravel, similar than other project, also use of Inertia and react.	<a href="https://github.com/elhaza/algoritmoflow">https://github.com/elhaza/algoritmoflow</a>	<a href="https://algoritmoflow.com/">https://algoritmoflow.com/</a>

Currently at a basic–intermediate level in Python (scripting), Django, and Java; expanding proficiency through ongoing projects.