



# Leonardo Daidone

Staff Software Engineer | Go • PHP • Systems Architect | 20+ Years Exp. | Scalable Backend Development & Distributed Systems

## CONTACT

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## KEY TECHNICAL SKILLS

### Backend & Core Languages

Go (Golang), PHP (Laravel, Slim), Java, Python (Django), TypeScript

### DevOps & Cloud Infrastructure

AWS (ECS, EC2, Lambda), Docker, CI/CD, Linux, Bash, Jenkins, Automated Deployments

### Frontend & UI

React, Angular, Vue.js, JavaScript, HTML5, CSS3

### Databases & Tools

MySQL, PostgreSQL, Redis, REST/SOAP APIs, Git, Version Control, Microservices Architecture

### E-commerce & Specialized Systems

Magento, Fintech/Payment Integrations, WordPress, ERP/CRM Feeds

## LANGUAGES

Spanish Native  
English Advanced

## PROFESSIONAL SUMMARY

Staff Software Engineer | Systems & DevOps Architect with over two decades of expertise in scalable backend development. Specializing in Go and PHP, I bridge the gap between legacy stability and modern efficiency by architecting distributed systems that handle massive scale. I have a track record of transforming engineering cultures through CI/CD automation, performance tuning, and mentoring multidisciplinary teams to deliver robust, AWS-orchestrated solutions that drive business growth.

## PROFESSIONAL EXPERIENCE

### Staff/Senior Software Engineer

Sisu media Inc.

May 2019 - Present

- Spearheaded the full-stack migration of the high-volume MyWU V2 platform from an unmaintained PHP monolith to a modern microservices architecture in Golang (Gin framework). This re-platforming improved core query processing speed by 10% and alleviated RDS database overload by optimizing complex queries and leveraging native concurrency.
- Engineered and Automated a comprehensive CI/CD pipeline using AWS ECS and Docker for the core platform, reducing manual deployment time from several hours to only a few minutes (an estimated 95% reduction), and significantly increasing release frequency.
- Significantly enhanced frontend user experience and operational efficiency by migrating the Angular UI to be served via AWS S3/CloudFront (CDN). This move reduced initial load latency by 25% and simultaneously contributed to the reduction of API and database query traffic through optimized caching strategies.
- Integrated a critical legacy Tomcat web application running on EC2 into the unified Docker/ECS orchestration flow, eliminating manual maintenance and deployment overhead and ensuring its seamless scalability alongside modern microservices.
- Standardized and containerized all development environments using Docker compositions pre-configured with Xdebug, which reduced the onboarding and project setup time for new developers by approximately 90% (from hours to minutes), establishing critical environmental parity.

## PROFESSIONAL EXPERIENCE

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### Senior Software Developer

*ArroyoLabs Inc.*

Jan 2015 - May 2019

- **Actively contributed to the architecture of Erdiko** (internal PHP micro-framework) by **proposing features, creating design diagrams, and participating in collaborative working sessions** to define high-quality, standardized components. This effort **reduced the average integration time for new micro-services by an estimated 15%** across core projects.
  - **Contributed to the integration** of a new payment and promotions bank into the **Laravel/SOAP REST API** for the **CTM (Corporate Travel Management)** platform (worked on-site in LA), **enabling a completely new revenue stream** for the business and expanding the platform's user functionality to thousands.
  - **Enhanced management efficiency** by implementing new feature support and updating the internal dashboard built on **Slim PHP**, providing Managers and Business Analysts with a **consolidated view** for accelerated decision-making.
  - **Improved marketing agility** by designing and building a **custom WordPress plugin** that allows the Marketing team **inline post edition**, delivering a direct-update tool and eliminating the need for complex administrative access or training.
  - **Stabilized and Automated** the processing of **Order & Fulfillment Feeds** for the **Magento (OneStop)** e-commerce platform using Bash scripts and PHP, **reducing processing time by 95%** and significantly increasing order data accuracy.
  - **Contributed to the launch of the MVP** (Minimum Viable Product) of the Survios VR-Game Showroom, delivering **Vue.js** components and critical data logic in the **Django** backend, laying the foundation for slot inventory management.
  - **Resolved critical stability failures** in the catalog data processes (e.g., 'memory exhausted' in large pricing updates), **improving system reliability** for Brighton merchants and enhancing management efficiency through dashboard refactoring in **Slim PHP**.
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### Software Developer - Freelance / Technical Consultant

*Freelance*

Jan 2014 - Present

Maintained continuous technical consultancy and application development for diverse clients alongside full-time roles.

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### Software Developer

*Up and Running Software Inc.*

Jan 2013 - Oct 2014

- **Executed and delivered** customized web solutions for a diverse client portfolio, leveraging multiple **PHP frameworks (CodeIgniter)** and specializing in the **rapid deployment and maintenance** of client **WordPress themes**.
  - Contributed to the development of **Passare**, a complex funeral planning web application built on **Ruby on Rails**, where responsibilities spanned UI modifications, database query implementation, and quality assurance testing across a year-long engagement.
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## PROFESSIONAL EXPERIENCE

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### Software Developer

*Summa Solutions Inc.*

Oct 2011 - Dec 2012

- **Led full-stack development** of the **Freight Connections MVP (PHP/CodeIgniter)**, a logistics auction platform that enabled users to post loads and participate in dynamic bidding, delivering a functioning system that impacted **~5,000 users** and optimized transport logistics in the USA.
  - Developed a critical, high-visibility feature for the **CinSay (Magento)** political donation platform, allowing political parties to upload campaign videos with donation overlays while implementing validation logic to prevent fraudulent activity.
  - Designed and developed the **Univision Android MVP in Java (MVP pattern)**, enabling users to view, filter, and receive alerts for events, successfully deploying a mobile app that impacted **~5,000 users**.
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### Web Developer

*Código Austral*

Jan 2011 - Oct 2011

- **Engineered the web interface** for **Cloud Experience (CX)**, a high-traffic cloud storage platform (competitor to early Dropbox), utilizing **PHP (CakePHP)**, **JavaScript (jQuery)**, and **MySQL**.
  - **Developed core platform features** including **OAuth/Google ID integration**, large file handling, social media sharing, and user profile management, impacting approximately **100,000 platform users**.
  - **Enhanced server performance** by optimizing the **Linux/Amazon EC2** configuration for the web layer, resulting in an approximate **25% improvement in platform responsiveness** and user experience.
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### Development Lead / Tech Lead

*SINTYS*

Mar 2005 – Dec 2010

- **Spearheaded the design and development** of **SOAP Web Services** to integrate SYNTIS systems with various National, Provincial, and Municipal organizations. This crucial integration **reduced the information cross-referencing latency by 98%**, resulting in an estimated **20 days of saved work per consultation** nationwide.
  - **Led the design and development** of a national Civil Registry Digitalization System (precursor to modern National ID/DNI). The project digitalized **15-20 million** records and **reduced acta search time by 99%** (from weeks to minutes), creating high-impact social benefit for millions of citizens.
  - **Architected and developed a web service-based integration system** to interconnect **8 Property Registries**, enabling the secure sharing of Judicial Inhibition data. This standardization and integration effort **reduced the time to access critical inhibition information by 95%** (from months to minutes) for legal and judicial professionals.
  - **Managed and coordinated** the development team, including responsibilities for candidate interviewing and selection, cross-sectoral IT representation, and project planning.
  - **Participated in the development** of the internal Intranet (using **PHP, JavaScript, MySQL**) used by **250+ people** across the company's national offices to process data from over **70 regulatory organisms**.
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## EDUCATION & CERTIFICATIONS

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### Engineering in Information Systems (Incomplete)

*Universidad Tecnológica Nacional (UTN)*

1997 - incomplete

**Solid Technical Foundation:** Completed 27 of 40 subjects, including final-year programming and systems architecture courses.

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## CERTIFICATIONS

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### Getting Started with Go

*Coursera*

2020

<https://www.coursera.org/account/accomplishments/certificate/K7EW6YYPFLRY>

Completed the Getting Started with Go course on Coursera.

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### Functions, Methods, and Interfaces in Go

*Coursera*

2020

<https://www.coursera.org/account/accomplishments/certificate/B7P963DUEF8Z>

Completed the Functions, Methods, and Interfaces in Go course on Coursera.

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### Programming with Google Go Specialization

*Coursera*

2020

<https://www.coursera.org/account/accomplishments/specialization/certificate/JQ9S5PMWV9Z9>

Completed the Programming with Google Go Specialization on Coursera.

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### Concurrency in Go

*Coursera*

2020

<https://www.coursera.org/account/accomplishments/certificate/8ISBBAJTAKEX>

Completed the Concurrency in Go course on Coursera.

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## OPEN SOURCE & PERSONAL PROJECTS

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### Go Utilities (Internal Tools & Libraries)

- **Goembedx (Vector DB):** Engineered and developed a vector database from scratch in **pure Go** (v0.3.0), demonstrating expert-level Go knowledge and a deep understanding of modern data structures and AI/ML concepts (embeddings). (<https://github.com/ldaidone/goembedx>)
  - **Gomemo (Memoization Library):** Designed and implemented an elegant, thread-safe, and generic memoization library in **pure Go**, which provides context-aware and pluggable caching solutions for high-performance applications. (<https://github.com/ldaidone/gomemo>)
  - **Cerebras Cloud SDK Go:** Architected and developed an idiomatic Go SDK for the Cerebras Cloud API, enabling high-performance integration with CS-2 and CS-3 systems. The library focuses on type-safe interaction with Inference and Chat endpoints, providing robust abstractions for ultra-fast AI compute workloads. (<https://github.com/ldaidone/cerebras-cloud-sdk-go>)
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### PHP/Laravel Architecture

- **Laravel-ddd-starter:** Created a comprehensive project template for Laravel that enforces **Domain-Driven Design (DDD)** architecture, providing a standardized, clean starting point for new applications that significantly reduces setup time and enhances code maintainability. (<https://github.com/ldaidone/laravel-ddd-starter>)
  - **Laravel-ddd-commands:** Developed and maintained a set of custom **Artisan commands** that automate the boilerplate creation of various components within a **DDD** structure, drastically reducing development time when adhering to complex architectural patterns. (<https://github.com/ldaidone/laravel-ddd-commands>)
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### External Contributions

- **Resolved a critical compatibility issue** in the popular **WordPress HTTPS plugin** by implementing fixes for deprecation messages and adjusting core functionality to ensure full compatibility with **WordPress version 4.4**. **Successfully submitted a Pull Request (PR) that was approved and merged** (2016), ensuring stability and continued functionality for thousands of users.
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