



SENÉN HERMIDA

Software Engineer

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📄 [Download CV \(PDF\)](#)

in linkedin.com/in/senenhermida/

github github.com/senenh

🌐 stackoverflow.com/users/1034806/sené

📄 [senenhermida.docs](#)

Software Engineer with more than thirteen years of experience building web applications end to end, currently leading the development of a clinical trial management system (CTMS) in a GxP-regulated environment (21 CFR Part 11).

I ship well-structured, decoupled and tested backends — PHP/Symfony, hexagonal architecture, MySQL and MongoDB — and run them with CI/CD pipelines on Azure and AWS.

Creator of [shouldimove.co](#). I have worked across clinical research, marketing, consulting, banking and hospitality, always close to the business problem.

WORK EXPERIENCE

Full Stack Engineer

[Sermes CRO](#)

01/2025 - Present

Description:

- Leading development from scratch of the company's clinical trial management system (CTMS), the application at the core of Sermes' business operations.
- Designed and implemented a hexagonal architecture ensuring scalability, security, and maintainability in a GxP-regulated environment (21 CFR Part 11).
- Built cloud infrastructure and CI/CD pipelines on Azure, enabling faster and more reliable deployments.
- Introduced automated testing.

Technologies used:

PHP Symfony CTMS GxP / 21 CFR Part 11 Hexagonal Architecture Azure CI/CD DevOps Docker Phpunit MySQL Git

Software Engineer

[vdSHOP](#)

07/2024 - 12/2024 (6 months)

Description:

- Implemented 20+ backend tasks, focusing on efficient, scalable, and robust solutions, and conducted extensive testing to ensure system reliability.
- Infrastructure maintenance in AWS.

Technologies used:

PHP AWS Symfony MySQL Docker Phpunit Git

Software Engineer

[Wi-Q](#)

11/2021 - 10/2023 (1 year and 11 months)

Description:

- Implemented backend tasks, focusing on efficient, scalable, and robust solutions, and conducted extensive testing to ensure system reliability.
- Reviewed pull requests to ensure code consistency and quality.
- Addressed and resolved support issues.
- Integrated multiple external systems seamlessly, including various EPOS systems, food delivery platforms, payment methods and discount provider systems.
- Collaborated with several partners, developing and co-integrating solutions for mutual benefits.
- Researched the viability of new features and crafted tailored solutions for their implementation.

Technologies used:

Symfony 3,4,5

PHP

Docker

Git

Phpunit

Behat

Elasticsearch

RabbitMQ

MySQL

solid

Kubernetes

kibana

sentry

jira

confluence

Software Engineer

[Instasent Mobile Advertising](#)

12/2015 - 05/2021 (5 years and 5 months)

Description:

Within a very small team of developers worked on building an application to send SMS campaigns, providing a reliable and fast software to send multiple campaigns for big companies at the same time. Build the second version of the product.

Specific tasks:

- Build the system to aggregate all the SMS data to show relevant business statistics quickly. Save 1% of the weekly working time for the developer team and the Director of Messaging Operations of the company , spent on managing clients requests and business needs building excels and database queries.
- Develop the testing with PHPUnit for the core of the business software.
- Build the system to manage clients subscriptions.
- Build the email sending system with AWS SES.
- Build different integrations, for payments (stripe, paypal), for billing (holded), for sms sending with smpp and http, for gathering users data (gmail, shopify, zendesk, prestashop...)
- Give technical support for worldwide clients.

Technologies used:

Symfony 4

MongoDB

Git

resque

redis

phpunit

docker

solid

supervisor

graylog

zendesk

backbone

nodejs

jira

confluence

Analyst Programmer

[Imagar Software Factory](#)

03/2014 - 08/2015 (1 year and 6 months)

Description:

On charge of the process from getting requirements from clients to deliver and explain all the features developed for existing web applications. Clients from Spain and Europe, like: LG, Vorwerk, Rotorbike, Bosch, Toshiba, Kiabi

Mentor junior developers

Technologies used:

PHP

MySQL

HTML

CSS

jQuery

Git

Web Services

Javascript

Wordpress

Prestashop

LAMP

Bootstrap

Sass

Xdebug

Symfony 2

Grunt

PHPStorm

Analyst Programmer

[Bankia](#) (at customer premises)

07/2013- 02/2014 (8 months)

Description:

Develop a remote testing app: Configure questions and tasks over an app, with configurable routes depending on profiles and answers. Analyse the data: heatmap, clicks, answers...

Technologies used:

PHP

MySQL

HTML

CSS

jQuery

Analyst Programmer

[Imagar Software Factory](#)

07/2012 - 06/2013 (1 year)

Description:

Develop "Actualiza" for Vodafone with the help of a project manager. Actualiza was the app that Vodafone Spain had for managing all the workers info an hierarchy of the Vodafone net of distributors in Spain.

Technologies used:

- PHP
- MySQL
- HTML
- CSS
- jQuery
- Wordpress

Android Developer

NMEMO

08/2012-09/2012 (2 months)

Description:

Using part of the development built with my scholarship for the URJ, develop the following features for the existing app of the EMT for Android: guide system like GPS, integrating with their SOAP API, showing time to wait and buses to take.

Technologies used:

- Android
- GPX
- NMEA
- SOAP

Android Developer

URJC (scholarship)

04/2012-06/2012 (3 months)

Description:

Develop a guide system like GPS in an app using GPX for Android.

Technologies used:

- Android
- GPX

SKILLS & TOOLS

Main

- PHP
- Symfony
- Git
- Docker
- Phpunit
- Doctrine
- MySQL

Others

- AWS
- Azure
- CI/CD
- Hexagonal Architecture
- MongoDB
- Code Review
- Kubernetes
- RabbitMQ
- Kibana
- Supervisor
- Big O
- Data structures
- PHPStorm
- Jira
- Graylog
- Unit Testing
- Wireframing
- Jenkins
- WordPress

EDUCATION

BSc Computer Science

Universidad de La Coruña

2006 - 2012

LANGUAGE

Spanish (Native)

English (Professional)

Portuguese (Medium Level)

TALKS

🏆 Notify.me

“Notify.me project” Multilanguage system to guide EMT users for smartphones

