

# Luis Felipe López Montes

Software Engineer

# PHP, Symfony, ReactJS, SQL, TDD, Docker, Kubernetes, Jenkins, JIRA, SCRUM.

# AWS, PostgreSQL, AWS ECS, AWS Lambda, AWS RDS

Software engineer with wide experience in web and data integration development, both backend and frontend. Passionate about sport, nature and coding. With objectives, among others, to achieve stability within a company in which I can put my skills into practice, as well as being able to carry out different projects in which to focus my motivation.



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## PROFESSIONAL EXPERIENCE

### Aircury. Data integration developer. 03/2024 – Now (Remote)

**Data analysis and integration** development using **PHP Symfony** and **PostgreSQL**, integrating platforms like **Salesforce** and the UK **DfE API**, focusing on efficiently downloading, processing, and transmitting data while balancing development timelines and system performance.

**Database architecture** development by resolving bottlenecks, **optimizing queries**, and ensuring **data normalization** for improved **efficiency** and **clean code**.

Integrations **deployment and monitoring** management using **AWS** services, while maintaining effective communication with customers and utilizing version control with **Git** and **GitHub**.

### Aircury. Full-stack web developer. 08/2022–10/2023

I worked for a UK-based customer (CEC) in the **UK education sector**, following Agile **SCRUM** and using **JIRA** for task management. My role involved developing the tasks required by the customer within each sprint while adhering to best practices such as **TDD** and **BDD** methodologies.

These tasks included **full-stack** development, such as creating new features, sections, and more on various web applications, using **ReactJS** and **PHP-Symfony**, as well as database management with **Doctrine** and **PostgreSQL**. I also performed **data integration** tasks between **Salesforce** and various **APIs**.

Additionally, **code reviews** were conducted for my teammates' tickets as well as collaboration with our **support** and **testing** teams, ensuring quality and consistency throughout the company's workflow. In addition, I also implemented automated tasks and pipelines in **Jenkins** for data integration from external platforms.

We worked with **Docker** environments running on **AWS**, along with **Kubernetes** for container orchestration and management, and **Jenkins** for automating the deployment process. Version control was conducted with **GitHub**.

### Strategic Thinking. Full-stack web developer. 05/2021 – 12/2021 (Remote)

**Full-stack** development using **Vanilla JS**, **HTML** and **CSS**, using **Google Firebase Firestore Database** and **Materialize.css**. Co-founder of <https://anetva2021.web.app/>. and maintenance of <https://totalhse.web.app/>

## LANGUAGES

English: Professional (**C1**)

French: Intermediate (**B2**)

Spanish: Native

Galician: Native

## EDUCATION

10/2023-12/2023

**Data Science  
Bootcamp**

Le Wagon, Zürich  
(Python, SQL, Jupyter,  
Matplotlib, Pandas,  
Scikit-Learn, TensorFlow,  
Google Compute,  
Hugging Face, MLflow,  
EastAPI, ChatGPT)

2016-2022

**Bachelor in Computer  
Engineering**  
University of Vigo

2016-2022

**Bachelor in Business  
Administration**  
University of Vigo

## PORTFOLIO

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