

# Francisco López

## Software Engineer

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### EDUCATION

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#### Business Management Degree

University of Vigo [🔗](#)

Ourense, Spain

#### Computer Engineering Degree

University of Vigo [🔗](#)

Ourense, Spain

### CERTIFICATES

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- Symphony Certified Associate Developer [🔗](#)

### PROFESSIONAL EXPERIENCE

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#### Software Engineer, Frontend

Symphony Communications [🔗](#)

04/2022 – present  
Sophia Antipolis,  
France

**Context:** Symphony is a company focused on providing secure and compliant communication to the biggest financial institutions in the world like JP Morgan, HSBC or Goldman Sachs.

**Products involved:** Symphony chat application and administration portal.

#### Achievements:

- Backbone migration. A large part of the admin portal has been migrated to **React 16** in order to reduce vulnerabilities. Vulnerabilities have been reduced by **70%** according to **SNYK** monitoring.
- Improvement of the account creation process via CSV up to **10 times faster**. Using web-workers, the CSV is split into series of batches that run in the background. Users can continue to use Symphony portal while accounts are being created.
- Design of a new **release process** for the admin portal product as frontend side should have a different lifecycle regarding the backend.
- Conducted thorough **unit and integration testing** and debugging of features, resulting in a **~40% reduction in bugs and issues** reported by users.
- Participated in regular code reviews, providing constructive feedback to colleagues and maintaining code quality standards.
- **Product demos** for 10 different customers.
- Developed and enhanced features for a chat application used by **thousands** of users, contributing to improved user engagement and satisfaction.
- Collaborated on continuous integration and continuous deployment (CI/CD) pipelines, enabling frequent and reliable software releases.

#### Technical environment:

**Frontend:** React / Redux / Webpack / Gulp / CSS / Bootstrap

**Unit and Integration Testing:** Enzyme / Jest / Jasmine / TS mockito

**Cloud:** AWS (ECR, ECS, EC2 & Docker)

**Continuous Integration:** Jenkins / Groovy

**Software methodology:** Agile / JIRA

### **Trip management CRM**


**Context:** We are looking to create a system that will allow us to keep track of the trips (Riviera Maya and Mexico) that the company offers. The company buys the trips from external suppliers and sells them at a higher price. The difference is where the company's margin lies.

- Architected and developed a robust trip management CRM system, streamlining the process of tracking, selling, and managing trips to Riviera Maya and Mexico.
- Collaborated with cross-functional teams to design and implement user role systems, enabling seamless management of administrators, suppliers, and vendor users.
- Implemented an invoice generation module, allowing customers to receive trip invoices in PDF format via WhatsApp for a convenient booking experience.
- Implemented tracking functionalities to **monitor monthly sales, revenue collection, and supplier earnings**, facilitating data-driven decision-making.
- Designed and integrated a dynamic trip creation feature with seasonal discount capabilities, enhancing customer engagement and promoting sales.
- Created a fully responsive ensuring optimal performance across various devices.

#### **Technical environment:**

- **Frontend:** React, Gatsby, Redux Toolkit, React Context, SCSS, Material UI/ / Bootstrap
- **Unit and Integration Testing:** Jest and Enzyme
- **Backend:** LoopBack 4, TypeScript, SQL
- **Testing:** Enzyme, Jest
- **Database:** MySQL
- **Cloud:** Azure
- **Continuous Integration:** Jenkins / Groovy
- **Software methodology:** Agile / JIRA

### **Bank Administrative Assistant**

*Santander Bank* 


01/2019 – 09/2019  
Ourense, Spain

- Making copies, faxing documents and providing optimum administrative support to employees.
- Carry out various administrative tasks, including answering the telephone, taking and passing on messages, writing memos, making copies, downloading documents and welcoming visitors.

#### **Technical environment:**

- Power BI
- Excel

### **Software developer intern**

*Balidea* 

07/2016 – 09/2016  
Ourense, Spain

#### **E-health system to manage patients and customers.**

- **60% reduction** of bug fixes.
- Feature for filtering of customers according to hospital section (oncology, digestive, etc.).
- Code reviews.
- Estimation of tasks with Product Owners.

#### **Technical environment:**

- **Stack:** PHP, Javascript and JQuery
- **Database:** MySQL
- **Software methodology:** Agile

LANGUAGES

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Spanish  
C2



English  
C1



French  
C1

