

# Francisco López Alonso

📞 033749465978 — ✉️ fraloal97@gmail.com — 💼 linkedin.com/in/francisco — 🐙 github.com/francisco-alonso — 🌐 francisco-alonso.com

**Summary** — SWE with 6 years of professional experience specialized in the development of event driven systems.

## Skills

**Cloud** Google Cloud Platform  
**Frame** React and Vue

**Containers** Docker, Kubernetes  
**Scripting** Bash

**Programming** Golang, TypeScript  
**Languages** English, French, Spanish

## Experience

### Schneider Electric

Sept 2023 – Present  
Carros, France

*Senior Software Engineer - IIOT Edge System*

- Designed and implemented an **event-driven alert system** for real time monitoring of device variables, enhancing client visibility and control over resource performance.
- Developed a **database size optimization** service for an alerting microservice, enabling cleanups through a FIFO approach. Also, ensuring efficient resource usage and data management.
- Established a **MQTT topic interface** for a Publisher-Subscriber communication, reducing network load by nearly 50% compared to previous REST-based solution.
- Delivered a **frontend link management capability**, enabling resource identification across microfrontends and improving user experience, in direct response to customer UX requirements.
- Technical support to a team of three developers and two E2E testers.

### Symphony Communications

Apr 2022 – Sep 2023  
Sophia Antipolis, France

*Software Engineer II (SWE) - Banking Communication Service*

- Enhanced **user experience** with a link expansion service in the primary chat system.
- Automated **Jenkins CI/CD pipelines**, optimizing deployment processes.
- Delivered over 10 **product demonstrations**, driving client adoption.
- Engineered a **financial data ingestion service** for real-time product integration.
- Monitored and patched security vulnerabilities with SNYK for continuous protection.
- Improved shared libraries, cutting development time substantially and accelerating release cycles.

### Cubica Comunicacion

Feb 2020 – Mar 2022  
Vigo, Spain

*Software Developer*

- Accomplished a **30% increase in booking efficiency** by developing and optimizing a travel reservation platform (according to company metrics).
- Accomplished a 25% reduction in invoice processing time by automating email notifications, PDF generation, and client tracking, as reported by internal audit results.
- Accomplished enhanced data-driven decision-making by creating **Grafana dashboards** from customer purchase data, as reported by business analytics.

## Certifications

- Google Cloud Engineer Associate
- Google Cloud Digital Leader
- Symphony Certified Developer

Issued: 2025

Issued: 2024

Issued: 2022

## Education

### State University Double Major

Sept, 2015 - Feb, 2020

- Bachelor of Computer Engineering

Minors: Cloud Computing;

- Bachelor of Business Management

Minors: Banking and Fractional Reserve;