



# JOSE CRESPI VALERO

Front-end Engineer

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[Portfolio](#)

Spanish nationality (no VISA needed)

[GitHub](#)

## TECHNOLOGIES

### Front-end

HTML5	CSS3
Sass	JavaScript
TypeScript	VueJS
Pinia	Vite
Cypress	StoryBook
Sentry	React
Google Analytics	Google Tag Manager
Hotjar	Jquery

### Back-end

NodeJS	ExpressJS
Python	Grafana
C#	.Net
MYSQL	

### Others

Jenkins	Rancher
Docker	Kubernetes
Git	

## SOFT SKILLS

Adaptable	Care for detail
Teamwork	Problem solver
Autodidact	Organized
Methodic	Autonomy
Productive	Holistic
Creative	Proactive

## LANGUAGES

English	– Professional
German	– Basic
Spanish	– Native
Catalan	– Native

## EXPERIENCE

### Front-End Engineer – Sembo | Stena Line [Travel industry]

March 2022 – Currently

- **English speaking** (Swedish company).
- Worked in an **agile methodology** using **SCRUM**.
- **Key role and responsibility** for building the **key project features** using Vue3, React and TypeScript5, and communicating across other front-end, back-end and UI/UX teams.
- **Built endpoints** using .NET and C# and connect to them by API REST.
- Implemented Test-Driven-Development building unit and integration tests using Vitest and end-to-end tests using Cypress.
- Implemented **good coding practices** writing **clean code** based on the official VueJS guideline, ESLint for **code quality** and Prettier for **code formatting**.
- Built Abstract Factory and Adapter **design patterns from scratch** and worked with Observables using RxJS library.
- Worked with Model-View-ViewModel (MVVM) architectural pattern.
- **Tracked metrics** from users using Google Analytics and Google Tag Manager, and integrated Hotjar to **record user sessions**.
- Led the daily culture of taking care of the web performance reporting web vitals from Sentry and LightHouse.
- Reduced 38% of the total cost of the Google APIs by proposing and developing a new way of presenting their products.
- **3 honourable mentions** in the internal Sembo IT Awards 2023.
- Patrik Hagne (CTO): *"I think you have a lot of **great ideas**, always value your input very highly. Keep that up, you're a **fantastic asset to the team**"*.
- Marek Sławiński (Senior Developer): *"You are a **really talented, smart and hard-working developer**"*.

### Electrical Engineer

Spark Iberica | Omexom September 2019 – February 2020

AutoSolar June 2020 – June 2021

- **Built software to automate manual administrative tasks.**
- **Led and encouraged** the team to **achieve the hardest key goals** for the company.

## EDUCATION

### Web development – Autodidact

June 2021 – March 2022

- Courses about web development fundamentals.

### Electronics and Computer Engineering – Balearic Islands University

2015 – 2019

- **Average grade +7**
- Participation in the European project "MINOAS" qualified with Excellent.

## OTHER COURSES

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### Udemy

- Git Complete: The definitive, step-by-step guide to Git (6h)
- Advanced CSS and Sass: Flexbox, Grid, Animations and More! (28h)
- The Complete JavaScript Course 2022: From Zero to Expert! (68h)
- Vue - The Complete Guide (incl. Router & Composition API) (49h)
- NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno) (40h)
- Clean Code (6.5h)
- RxJS 7 and Observables: Introduction (5.5h)
- RxJs In Practice (4.5h)

### Front End Masters

- The Hard Parts of UI Development (9.5h)
- Web App Performance (5h)
- Javascript In the background (5h)
- Practical Problem Solving with Algorithms (9.5h)

## PROJECTS

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### Web page – AutoShopping

In progress

Designed and developed a web page using React and TypeScript, which allow customers to schedule meals weekly or/and monthly easier and buying online automatically the missing ingredients in a local supermarket.

### Web page – Portfolio

2023

Designed and developed a web page using VueJS and TypeScript, which presents my profile as front end engineer, showing the technologies I have learnt, the web pages I have built and a bit more of information about me.

### Software – Administrative tasks automation

2023

Developed a software using Excel macros that automatically made a lot of administrative work improving the performance and reducing costs of administrative work.

### Robot – 3D positioning device for drones

2019

Designed and developed the hardware and the drivers to connect a remote control to a device which was capable to take the required measures to get a Drone 3D position using C++ and Python.

### Robot and mobile app – RC Nissan Navara

2018

Developed a mobile robot to behave like a car controlled by a micro-controller using C which communicated to a self-built android app to be driven written in Java.

## CERTIFICATIONS

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### Web development – Google Activate

2021

#### Web Development Introduction II (40h)

- LVMTPN6RD

#### Web Development Introduction I (40h)

- YXG93MKYR