



Marc Sebastià Pérez-Serrano Martínez

Front-end software engineer

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ABOUT ME

JS and FP enthusiast.

I enjoy **architecture** and **modeling** as much as **coding**, and pursue **technical excellence** while being focused on **solving** the underlying **real issues** we face.

Besides, I'd definitely prefer not to do it alone but **enabling, mentoring and learning from a team** of engineers as passionate as myself.

Interested in DX, developer tools and teaching tools.

Oh, by the way, I love chess and Neapolitan pizza!

TECHNOLOGIES

JS (TS) and **React (Remix, React Query, Redux...)** are the tools I break things with, and **Jest (RTL and MSW)** and **Cypress** the tools I fix things with.

I'm curious about algebraic type systems and FP languages such as **F#**.

I did **Angular** and **C# (.NET)** for two years.

LANGUAGES

Native **spanish** & highly proficient with **english**.

EXPERIENCE

COMPOUND

Jul 2022 - Today

FULLSTACK SOFTWARE ENGINEER

Compound builds their current landing page using Next.js, and their main product using Node.js and React.

- Lead the development of a brand new core product to design, analyze, and track target asset allocations, besides of beautiful, customizable and interactive reports, which directly helped increasing AUM by over 100M.
- Tested, fixed and improved critical parts of the product and design-system:
 - Form inputs.
 - Date manipulation and formatting functions.
 - Complex calculations.
- Rebuilt the automatic (and built the manual) asset categorization to support multiple categories per asset.
- Hosted retros and kicked off new initiatives such as *Compound Assemblys* and *15 minute talks*.

TAXSCOUTS

Jan 2021 - Jul 2022

FRONT-END ENGINEER

I loved every bit of working for TaxScouts, I learnt a lot and made great colleagues! TaxScouts mainly builds its products using React + Redux with Styled Components. Here's some of the stuff I did which I feel particularly proud about:

- Introduced **hooks**, FP techniques, unit, integration and e2e **testing** to the codebases.
- Built highly reusable primitives and components.
- Lead the development of products used by thousands of people on a regular basis across UK and Spain such as income taxes filing, invoicing, and bookkeeping.

WORKI

Jan 2019 - Jan 2021

FULLSTACK DEVELOPER

Worki is a small product-based company owned by one of my former college professors. He offered me a scholarship position and eventually I started working for him as a freelancer. We developed a web application for agile work management, targeting both software companies and universities. We used Angular and C#, and I developed core features such as:

- Requisites specification via acceptance tests.
- Kanban board.
- Graphs' dashboard.
- Evaluation and gamification.

PROJECTS

BUBBL.ES

jsbubbl.es

REACT + REACT ROUTER + STYLED-COMPONENTS + FRAMER MOTION

Bubbl.es is a web application which attempts to help teaching and learning about the scope chain in JS by visualizing it using colored bubbles. Powered yet by another of my projects, [TelEScope.js](#).

PRIMITIVES & LIBRARIES

github.com/MarcosNASA

REACT

- [useComponentSelfRegistration](#): primitive to build keyboard navigation seamlessly and powerful compound components.
- [useFormReducer](#): primitive to smoothly handle form validations and dependencies.
- [Shepherd](#): highly customizable (headless) in-app step-by-step tutorials with a lovely (and fun!) API.

WRITING

marcoss.hashnode.dev/

JS + REACT

One of the things I like the most is educating myself, so I care a lot about precise communication and quality education.

That's the premise of my articles, where I attempt to demystify some of JS and React most misunderstood concepts by building a bridge between popular misconceptions and the specification or formal definitions.

EDUCATION

BACHELOR IN COMPUTER ENGINEERING

2016 - 2020

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Graduated in Software Engineering with distinction.