



# Marcos Rodriguez Salvo

**Nationality:** Spanish **Date of birth:** 17/06/1995

**Phone number:** (+34) 666028195 **Email address:** [marcossalvo95@gmail.com](mailto:marcossalvo95@gmail.com)

**WhatsApp Messenger:** +34 666 02 81 95

**LinkedIn:** [https://www.linkedin.com/in/marcos-salvo/?locale=en\\_US](https://www.linkedin.com/in/marcos-salvo/?locale=en_US)

**Website:** <https://www.marcossalvo.com/>

## ABOUT ME

Frontend web developer specialized in:

- **React & Angular**
- JavaScript & TypeScript
- **Asynchronous** architectures with **Promises, Observables** and **RxJs**
- **Redux** for State Management
- Web Components & Stencil.js
- CSS & SASS

Currently pursuing a **bachelor's degree** in **Software Engineering**, and also finishing a joint degree in Business Administration and Law (1 subject left).

## WORK EXPERIENCE

### Frontend Developer

**Vodafone** [ 08/08/2022 – Current ]

**Address:** Cardenal Bueno Monreal, 50, 41013 Seville (Spain)

**Website:** <https://www.vodafone.es/c/particulares/es/>

**Email address:** [marcos.rodriguez3@vodafone.com](mailto:marcos.rodriguez3@vodafone.com)

**Name of unit or department:** Web Development Team (Digital Engineering Department) - **Business or sector:** Information and communication

#### Main Activities

- Maintain and **develop** features for **Vodafone's website**, using **Angular 15+** and **TypeScript** as main technologies.
- Manage **big sets** of customers and products **data** using **Redux** (NgRx)
- Intensive use of **Promises, Observables** and **RxJs** to create reactive **asynchronous** architectures
- Develop the **architecture** to **send information** and events from **Vodafone.es** to Tealium (data **analytics** software)
- **Optimize analytics** delivery **architecture** using **Custom Directives**, **RxJS**, and **NgRX**.
- Implement **Angular good practices** as: lazy loading, OnPush change detection, View Manipulation, etc. to make an application that handles big amounts of data properly.
- **Unit testing** with **Jest**.
- Styling with **Sass**

#### Secondary Activities

- **Develop React componentes** for specific pages like **Vodafone's rate configurator**.
- Attend and **actively participate in training sessions** and masterclasses about **React**, which cover topics such as Next.js, HOC (Higher-Order Components), Redux, React-Query, Context, Hooks, Custom Hooks, etc.
- **Conduct Angular workshops** for colleagues (f.ex. about **Virtual DOM manipulation**)
- Maintain and **develop** **Vodafone's Configurator website** using **Stencil.js** (until 10/2023, when it became legacy)

### Frontend Developer

**Geograma** [ 01/01/2022 – 01/07/2022 ]

**City:** Álava

**Country:** Spain

Website: <https://www.geograma.com/>

Name of unit or department: Web development - Business or sector: Information and communication

Main Activities

- **Main frontend developer** of the **Álava** (province of Spain) public **map visualizer** (**Angular**).
- **Develop** the frontend side of GIS (**Geographic Information Systems**), mainly using **Angular framework**.
- Use **OpenLayers** to transform Geographic Information into maps.

### Frontend Developer (Internship)

**Guadaltech** [ 01/10/2021 – 01/01/2022 ]

City: Seville

Country: Spain

Website: <https://www.guadaltech.es/>

Name of unit or department: Web development - Business or sector: Information and communication

Main activities

- **Develop** specific **features** for cross-platform applications using **Ionic** and **Angular**.

## EDUCATION AND TRAINING

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### Software Engineering Bachelor's Degree

**Catalonia Open University** [ 01/09/2021 – Current ]

City: Barcelona

Country: Spain

Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*

Level in EQF: EQF level 6

Type of credits: ECTS – Number of credits: 180

**The programme of study covers the full software lifecycle:** design, implementation, testing and maintenance. It provides training on how to develop web, mobile, and multiplatform apps with the sector's most popular programming languages, techniques and methods.

Personally, I've loved to work with low-level languages like C, with which I've learned to handle data in a efficient way (**Big-O Notation**).

**Technologies:** JavaScript, TypeScript, Vue, Figma, C, Assembler, Java, Kotlin, Oracle, MySQL, PostgreSQL, Eclipse, AWS...

### Web Development Full-Stack Bootcamp

**Ironhack** [ 01/01/2021 – 01/09/2021 ]

Website: <https://www.ironhack.com/es/en/web-development/madrid>

Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*

- Responsive web design: HTML / CSS / JavaScript
- Front-end: **ReactJS**
- Back-end: NodeJS / ExpressJS / MongoDB /Axios
- Version Control: Git / GitHub

### Joint Degree in Business Administration and Law

**Seville University** [ 01/09/2014 – Current ]

Country: Spain

Website: <https://www.us.es/estudiar/que-estudiar/oferta-de-grados/doble-grado-en-administracion-y-direccion-de-empresas-y-en>

**Field(s) of study:** Business, administration and law: *Business, administration and law not further defined*

**Level in EQF:** EQF level 6

**Type of credits:** ECTS – **Number of credits:** 408

With the Double Degree in Business Administration and Law, you'll earn two official degrees and define a multifaceted and differentiating professional profile for yourself: Mastering both the legal and business fields will enable you to provide a lawyer's perspective to business projects and, at the same time, apply your business acumen to legal matters

## DIGITAL SKILLS

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### Frontend

Angular / React.js (Next.js, CRA, Redux, styled-components) / Jest/testing-library / Web components / Stencil.js / Webpack / RxJS / Redux(NgRx) / React Query / BootstrapCSS, TailwindCSS

### Backend

Node.js / Express.js / RestFul API / MongoDB

### Languages

Typescript / JavaScript / C / X86 assembler

## PROJECTS

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### Next.js Project | My Personal Website

[ 01/07/2023 – 01/09/2023 ]

To partice **Next.js**, and things like SSR, SSG, App Router, Caching, etc., I made a simple personal website using Next.js

For styling I used [TailwindCSS](#) and [MaterialUI](#).

Link: <https://www.marcossalvo.com/>

## LANGUAGE SKILLS

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Mother tongue(s): **Spanish**

Other language(s):

**English**

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## PUBLICATIONS

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### [Understanding Angular View / DOM manipulation \(In-depth analysis\)](#)

[2023]

Explanation about what Angular View is and how to properly manipulate the DOM in an Angular application