

Details

Barcelona, Spain
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Marc Ferreiro, Senior Front End Developer

Experienced Web Developer with over 10 years of industry experience, specializing in TypeScript and React development. I have held roles as a Tech Lead and Front End Architect for the past 4 years. With a strong background in Back End development and excellent UI/UX design capabilities, I bring the perfect combination of skills to any project.

Hobbies

Motorcycle travel, Certified Drone pilot

Skills

- Typescript
- React
- HTML & CSS
- Git

Links

marcferreiro.com github.com/markferreiro
linkedin.com/in/marcferreiroaliberch/

Languages

- English Very good command
- Spanish Native speaker
- Catalan Native speaker

Education

Micro informatics Systems and Networks Medium Technical Certificate, IES El Calamot, Gavà

September 2010 — September 2012

Higher Technical access course, IES El Calamot, Gavà

September 2013 — June 2012

Multiplatform Applications Development Higher Technical Certificate, INS Esteve Terradas, Cornellà de Llobregat

September 2013 — June 2015

Graduated with best promotion grade.

Informatic Engineering, Barcelona Tech - UPC, Barcelona

September 2015 — November 2021

With specialization in Software development

Computer Technician at PC Red Castelldefels, Castelldefels

December 2011 — July 2012

Local computer technician responsible for repairing both software and hardware issues, setting up complex networks, and performing other related tasks.

Junior Developer at Everis (NTT Data), Barcelona

October 2014 — February 2015

Five months of internship in the multinational company Everis (NTT Data) as a Java Developer. I have been building an internal tool to parse SQL and PL/SQL files. The main goal of this task was to optimize multiple internal procedures. The tool was successfully released.

CTO & Co-founder at Odder, Barcelona

August 2014 — March 2015

Co-founder and CTO of a young talent association based in Barcelona, performing CTO tasks like the website creation, servers management, and other related tasks.

Android Developer at Tuto4PC, Barcelona

March 2015 — December 2015

Working as Android Developer at Tuto4PC, working in multiple development projects with Android, PHP and Perl, HTML5, CSS and C#. During these months, I have been sent to Tunis to work on a really important project with local people.

Freelance developer, Barcelona

January 2016 — December 2017

Working as a freelance in web development focusing on small local stores, working with Wordpress and other CMS's. Starting on the web design, I have been iterating the designs with each client until they agreed. After the website deployment, I kept working maintaining every websites and doing small and big updates to them. I also worked close with my clients to improve the SEO positioning on Google.

Frontend Developer at Goin, Barcelona

December 2017 — December 2019

I worked as a Full Stack Developer with a focus on Front-End at Goin, an esteemed start-up based in Barcelona. Our primary project involved building a mobile application using React Native. My role as a Frontend expert entailed designing and developing nearly all the application screens and providing frontend guidance and best practices to the team.

From the inception of the project, I collaborated with a small team of three, which provided me with an excellent opportunity to deepen my understanding of React Native architecture. We fostered a culture of quality assurance by integrating testing as an integral part of our development process, rather than treating it as a separate task. Our mantra was to take ownership of the performance of the features we built.

As the team consisted of international members, we operated in a fully English-speaking environment, enabling me to enhance my fluency and comfortably adapt to diverse work settings.

In terms of our testing technology stack, we leveraged Enzyme, an Airbnb library, in conjunction with Jest, which facilitated a steep learning curve and streamlined our testing procedures.

Throughout the React Native development process, we emphasized and implemented best practices for building components, ultimately culminating in the creation of a comprehensive and reusable components library. This initiative simplified and expedited the development of new features while ensuring a unified styling approach across the entire application.

Freelance developer, Barcelona

December 2019 — December 2021

As a freelance professional, I specialize in diverse software projects, encompassing web development, server configuration, mobile application development, and multiplatform software. With extensive experience and expertise, I deliver exceptional results to clients.

In web development, I utilize cutting-edge technologies and frameworks, creating visually appealing websites tailored to clients' unique needs.

Regarding server configuration, I ensure seamless setup and optimization, maximizing performance and security.

In mobile app development, I excel in crafting user-friendly and feature-rich applications for iOS and Android platforms, meeting business and user requirements.

My expertise also extends to multiplatform software, enabling clients to target various operating systems and devices, expanding reach and accessibility.

Committed to high-quality results, meeting deadlines, and effective communication, I consistently exceed expectations. My adaptability and resourcefulness make me a valuable asset in diverse teams and work environments.

Overall, I bring comprehensive software development skills to any project, ensuring success and client satisfaction.

Senior Front End Developer at DataVision, Barcelona

February 2020 — July 2020

Working as a React developer at DataVision, I took the lead in building the inaugural version of our cloud-based monitoring platform. This involved single-handedly developing the platform from the ground up, where I defined the architecture and designed the entire UI.

Our primary objective for this project was to establish a long-term platform that boasted the qualities of maintainability, scalability, and testability. Given the dynamic nature of the business, the platform needed to be highly modular, extensible, and receptive to changes. To achieve this, we implemented a Domain Driven Design (DDD) architecture.

The nature of the platform necessitated rendering a significant number of charts. To address this, we opted for the open-source DataViz library called Nivo Rocks, which we integrated using an adapter pattern to ensure flexibility for future library changes.

Additionally, we set up a comprehensive global styles system and leveraged the Ant Design component UI. These choices streamlined the platform's development process, allowing us to rapidly build and deploy new features.

Throughout the project, I maintained a strong focus on quality, usability, and performance, which resulted in the successful creation of a robust, feature-rich, and user-friendly monitoring platform. I collaborated closely with the team, ensuring smooth communication and the successful realization of our project goals.

Senior Front End Developer & Tech lead at Axa, Barcelona

September 2020 — January 2022

As a Senior Front-End Lead at AXA, working on a cybersecurity project outsourced by UST Global, I was tasked with building a React platform from the ground up. My responsibilities extended to leading a team of two Junior Front-End developers who had limited experience. My primary objective was to establish a robust foundation for the project, emphasizing modularity and scalability.

In addition to overseeing the development process, I took the lead in designing the UI and UX of the platform. Collaborating with the business side, I created mock-ups using sketch tools to ensure alignment with project requirements.

To ensure a high-quality outcome, I prioritized implementing a strong architecture and adhering to best practices. We established a comprehensive code convention, enforced by tools like Prettier, and integrated effective CI/CD pipelines to maintain a minimum testing coverage, thereby minimizing human errors.

In terms of testing, we initially employed Enzyme. However, recognizing the advantages of a user-centric approach, we transitioned to testing-library. This shift encouraged us to think about testing based on usage, rather than implementation, enhancing overall code quality and user experience.

Throughout the project, I fostered a collaborative and results-driven work environment. My leadership and guidance allowed the team to deliver a successful React platform that met AXA's cybersecurity needs while empowering the Junior Front-End developers to enhance their skills and expertise.

Senior Front End Developer & Tech lead at Orbit, Barcelona

February 2022 — Present

Orbit is a dynamic startup headquartered in Oslo, Norway, boasting a diverse team comprising individuals from various cultural backgrounds and skill sets. As a Senior Front End Developer at Orbit, I spearheaded the development of our Administration platform, providing clients with insightful analytics and seamless administration capabilities tailored to their unique requirements.

Leveraging cutting-edge technologies, such as React, GraphQL, Relay.dev, Typescript, and Cypress, we built a robust and high-performing platform. Collaborating closely with designers and product teams, we conducted numerous definition meetings to shape the project from concept to final implementation. The outcome was a powerful tool, optimized for network efficiency through GraphQL and responsive across diverse screen sizes, from compact smartphones to high-resolution displays like Mac OS retina.

Beyond my primary responsibilities, I actively contributed my expertise in React Native and architectural knowledge to the Mobile App team, leading multiple architecture refactors. Over the past 3 months, I successfully integrated the rest of the Front End team into the project, playing a central role in ticket creation, development support, and Continuous Integration administration.

Orbit's collaborative and dynamic environment allowed me to thrive as a Front End leader, fostering cross-functional knowledge sharing and driving successful project outcomes. Through my diverse contributions, I have played a key role in enhancing Orbit's software capabilities and delivering top-notch experiences to our valued clients.

References

References available upon request

Social network based on Wordpress

Extra-curricular activities

2014

Created a social network leveraging WordPress, with a primary focus on learning WordPress, PHP, JavaScript, and frameworks like JQuery and Ajax. The project aimed to gain hands-on experience in these technologies while building a functional social network platform.

Quadcopter (drone) based on Arduino

2015

I undertook the ambitious task of designing and constructing a quadcopter (drone) using Arduino technology, simultaneously developing a domotic house controlled by another Arduino system. This project served as my final submission for the Higher Technical Certificate. The main objective was to demonstrate proficiency in Arduino-based projects, showcasing my expertise in drone development and home automation. The endeavor allowed me to apply theoretical knowledge to practical implementations, honing my skills in hardware integration, programming, and project management. The successful completion of this comprehensive project validates my capabilities in the field of Arduino-based technologies.

Visual Basic .NET apartments management application

2011

Designed and implemented a Visual Basic .NET application for efficient management and billing of an apartment company in Castelldefels. The application streamlines administrative tasks, enhancing productivity and accuracy in financial operations.

Courses

Visual Basic .NET

November 2010 — December 2010

Awards

Everis Talent Award, Barcelona

September 2014

Winner of the Talent Award contest carried out by the company.