ORIOL CASTRO

Product Engineer // Full Stack Engineer

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Profile

A full-stack engineer currently focused on the frontend web platform

I have been always interested in everything related to technology and how it can change the way we live. In 2017 I decided to make a turn in my career and become a full-time professional developer.

I consider myself a product-centric engineer, I thrive when outlining, architecting, and developing enjoyable and crafted products that scale.

Make it easier, do it right, and achieve it together!

Experience

January 2023 – July 2023

Senior Frontend Engineer
Gigapipe, Barcelona

- Led and mentored a growing front-end team, taking on additional high-level responsibilities.
- Introduced pair-programming sessions, code reviews, and knowledge sharing to foster growth among junior engineers.
- Developed internal libraries and CLI utilities to streamline workflow for teammates.
- Designed technical tasks for new hires and actively participated in review process.

Docker · Playwright · Grafana · React Aria · OpenTelemetry

September 2021 – December 2022

Frontend Engineer
Gigapipe, Barcelona

- Contributed as a key member of the initial engineering team, helping build a strong engineering culture.
- Played a pivotal role in selecting and implementing the frontend stack to enhance delivery speed and support scalability.
- Guided the team in establishing efficient git flow, CI/CD processes, and adopting Agile methodologies.
- Developed an RFC process and authored the frontend code style guide.

TypeScript · React · Vite · Storybook · Testing Library

December 2020 – July 2021

Frontend Developer
Immfly, Barcelona

- Maintained and improved the "In-flight wireless entertainment" system for IAG airlines.
- Led the development of a cutting-edge product based on the "retail on-board" concept, driving increased revenue opportunities for airlines.
- Enhanced the scalability and functionality of the MVP by introducing an i18n system, improving accessibility, and adapting the application to accommodate various airline styles and configurations.
- Introduced best practices and fostered an agile development environment, optimizing team productivity and collaboration.

TypeScript · Node.js · Webpack · React · CSS Modules

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April 2019
December 2020

Frontend Developer
Xceed, Barcelona

- Worked in the modernization of the front-end stack, transitioning from a monolithic approach with legacy code to a microservices' architecture with decoupled clients.
- Developed and implemented a React components library, aligning with the new company design.
- Successfully conceptualized an API for all new clients, ensuring seamless integration and efficient communication.
- Created a server-side rendered B2C web app from scratch using Next.js, resulting in improved user experience and increased customer engagement.

JavaScript   Next.js   SSR   a11y   i18n

Education

2017 - 2019

Online training as a frontend developer
CodeAcademy / Udacity / Self-taught

2011 - 2014

Master's Degree in Aerospace Science and Technology
Polytechnic University of Catalonia (Spain)

2005 - 2009

Aeronautical Technical Engineering esp. Aircraft navigation
Polytechnic University of Catalonia (Spain)

Skills

- **Technical skills:** efficient at problem-solving, committed to writing clean code, and avid learner.
- **Communication skills:** proficient synthesizing ideas, issuing key messages, and assertive communication.
- **Leadership skills:** enthusiast of leading teams by example and sharing my own motivation.
- **Organizational skills:** efficient time management, with autonomy and initiative.
- **Language skills:** full professional competence level in English, native Catalan, and native Spanish.