

ORIOLO CASTRO

Product Engineer // Full Stack Engineer

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Profile

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

I have always been passionate about technology and its potential to change the way we live. In 2017, I made a decisive career pivot, fully committing to becoming a professional software developer.

I consider myself a product engineer; I thrive when outlining, architecting, and developing crafted, scalable products that deliver a great user experience.

My motto has always been: *Make it easier, do it right, and achieve it together.*

Experience

November 2023
Present

Senior Product Engineer toddl.co, Barcelona

- Led product development by implementing a user-centric approach, leveraging data-driven experimentation and product discovery processes.
- Systematically improved legacy codebase while maintaining feature development and technical innovation.
- Expanded engineering role to become a Product Engineer, working across technology stack and collaborating across company functions.

Vue Nuxt Laravel Feature Flags A/B Testing

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

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Product Engineer // Full Stack Engineer

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

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.