

ORIOLO CASTRO

Product Engineer // Full Stack Engineer

hola@oriolcastro.me

www.oriolcastro.me

@oriolcastro_

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 carefully 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

toddl.co, Barcelona

November 2023
Present

Senior Product Engineer

- 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

Gigapipe, Barcelona

January 2023
July 2023

Senior Frontend Engineer

- 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

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September 2021
December 2022

Frontend Engineer

- 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

Immfly, Barcelona

December 2020
July 2021

Frontend Developer

- 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.

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Product Engineer // Full Stack Engineer

- 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

Xceed, Barcelona

April 2019
December 2020

Frontend Developer

- 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

Freelancer, Barcelona

June 2017
March 2019

Web Developer

- Built custom WordPress sites with PHP and JavaScript enhancements.
- Developed offline-capable PWAs using Web Components.
- Launched a production React application from concept to deployment.
- Built a full-stack web app with image uploads and real-time user interactions.

WordPress HTML PWA PHP React

Education

2016 - 2017 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.
- **Team Collaboration Skills:** dedicated to driving team performance and motivating colleagues to exceed expectations.
- **Organizational skills:** efficient time management, with autonomy and initiative.
- **Language skills:** full professional competence level in English, native Catalan, and native Spanish.