David de Esteban Cortés *Software Engineer*

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Profile

Full-Stack Software Developer with strong experience in modern web applications - **React, Next.js, Node.js** -. I have led implementation of key functionalities in **Real Estate platforms**, **Blockchain** and **marketplaces**, integrating **AI** and **online payments**. With a background in Mechanical Engineering, I excel in systems thinking and product oriented development.

Experience

Jessica Bataille, *Fullstack Developer* ⬈   April 2024 – Present | Jávea, Spain
- Created an **administration panel from scratch**, ensuring scalability and maintainability.
- Implemented a **test suite for the backend** that reduced production errors and accelerated iteration cycles
- **Integrated Stripe** and enabled new monetization models.
- **Incorporated an AI powered chat** that automates technical reports, improving delivery times.
- **Fullstack development** of the company's first digital app in **collaboration with backend, frontend and design.**.
<u>Tech stack</u>: Next.js, Node.js, React, TypeScript, Express, PostgreSQL, Tailwind CSS, Figma, OpenAI API, Digital Ocean

Montgó Beach Volley Club Bizum Payments ⬈   August 2025 – August 2025 | Alicante, Spain
- Built responsive, **mobile-first interface** using React/Next.js and Tailwind CSS
- Implemented **secure payment gateway** integration with **Redsys** for Spanish market compliance
- Developed real-time payment status tracking and member management system, reducing payment processing time.
<u>Tech stack</u>: Next.js, React, TypeScript, Node.js, PostgreSQL, Prisma, Tailwind CSS

Pura Vida, *Mobile Developer* ⬈   2023 – 2024 | Remote, Spain
- I redesigned the app in **React Native**, improving user experience.
- **Collaboration with stakeholders** to integrate new functionalities.
<u>Tech stack</u>: React Native, Figma, Tailwind CSS

CADO, *Fullstack Developer* ⬈   2023 – 2024 | Remote, Spain
- Designed part of the database model and developed client/server components.
- Technical support to other developers and resolution of overheads.
<u>Tech stack</u>: Next.js, React, TypeScript, Node.js, MongoDB, Tailwind CSS, Figma

UniCharts, *Blockchain Developer* ⬈   2022 – 2023 | Remote, Lithuania
- Created backend in TypeScript to extract data from Uniswap V3 and developed the price chart display in the frontend.
- Fullstack development of the platformm, including processing and storage of data in MongoDB.
<u>Tech stack</u>: Solidity, ethers.js, TypeScript, React, Express.js, MongoDB

Delta Radar, *Blockchain Developer* ⬈   2021 – 2022 | Remote, Lithuania
- Created the **scanning algorithm** and the objects to store price data and formula to calculate **optimum trade size.**
- Created, tested and **deployed smart contract** with **flash loan capabilities** to execute the trades.
<u>Tech stack</u>: Solidity, ethers.js, JavaScript, React, Express.js, MongoDB

Roles as Mechanical Engineer in Railway Industry   2003 – 2020 | Spain and The Netherlands
- Engineer of mechanical installations (Stadler, 2019 - 2020)
- Mechanical engineer (NSTM, Dutch Railways, 2016 - 2018)
- Engineering business developer (Decnika, 2013 - 2016)
- Mechanical systems engineer (Vossloh, 2003 - 2012)

Soft Skills

About me: I enjoy working in interdisciplinary teams, integrating perspectives of different stakeholders into great products. Team player with hunger for learning and mentoring. Attention to detail and experienced in complex projects.

Education

Industrial Engineering, *Universidad Politécnica de Valencia*   1997 – 2003

Software Engineering, *Codeworks*   2024

Fullstack Open Course, *University of Helsinki* ⬈   2023