

Manuel Ruiz Tercedor @ruizterce

Full Stack Developer
React | Ionic
Express.js

Drawing on 9 years in product design and manufacturing, I bring a deep understanding of systems, processes, visual language, QA and user experience to **web development**. My journey from industrial to digital technologies reflects my passion for creating scalable solutions by combining technical expertise with creative thinking.

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Languages

Spanish

English

Stack

HTML

CSS

Git

JavaScript

TypeScript

Tailwind CSS

React

Ionic

webpack

Vite

Node.js

Express.js

PostgreSQL

Prisma

Experience

Product Design

Project Mgmt.

Leadership

Customer Svc.

Training

QA

Process Eng.

Manufacturing

Plant Mgmt.

Industrial Maint.

3D Printing

Passion

Drumming

Music Prod.

Inline Skating

Cuisine

Education

Full Stack JavaScript Curriculum



The Odin Project | Online | 2023 - 2024

Industrial Design and Product Development Engineering Degree



Universidad Nebrija | Madrid | 2009 - 2015

Professional Experience

Factory Operations Manager

Impress | Impress | Barcelona | 11/21 - 03/24

- Managed manufacturing of thousands of custom dental aligners daily for Europe's top orthodontics company.
- Led a 40-person team, overseeing operations, materials, and technology.
- Designed and improved scalable and efficient manufacturing processes.
- Managed software needs, collaborating with providers, building in-house tools, and contributing as both a developer and product manager.

Product Design Studio Founder

Mais | Mais | Barcelona | 07/19 - 08/21

- Co-Founded and managed a three-person design studio in Barcelona.
- Produced high quality prototype parts and models for engineering and architectural clients in Germany and Spain.
- Designed and prototyped functional, modular mobile kitchens for a major German hotel chain.

HP MJF 3D Pilot Plant Manager

IAM3DHUB | IAM 3D Hub | Barcelona | 1/17 - 04/19

- Managed a state-of-the-art industrial additive manufacturing plant.
- Led a 20+ person team in 24/7 production for high-profile clients.

EMEA & USA Service Engineer for HP 3D Printing

sogeti | Sogeti | Barcelona | 08/16 - 11/17

- Provided on-site and remote support for HP industrial 3D printers and software, including installation, maintenance, training & issue resolution.
- Worked with R&D, firmware and software teams on failure analysis, usability improvements, and part design for manufacturability.

3D Printing Consultant & Trainer

Mindesign | Mindesign | Granada | 08/15 - 08/16