Manuel Ruiz Tercedor @ruizterce

Next.js | Express | React | Ionic | Tailwind | SQL/NoSQL | AWS | Serverless

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.

✉ ruiz.terce@gmail.com   📍 Terrassa, Barcelona, Spain   📞 +34 618 422 784
github.com/ruizterce   🌐 **ruizterce.mooo.com**   in linkedin.com/in/ruizterce

Languages
Spanish
English

Stack
Next.js | React
Node.js | Ionic
Express | Vite
TypeScript
AWS | Redux
Tailwind CSS
PostgreSQL
DynamoDB
Lambda | Git
API Gateway
Stripe

Experience
Product Design
Project Mgmt.
Leadership
Software | IT
Customer Svc.
Training | QA
Process Eng.
Manufacturing
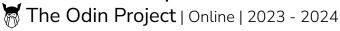Plant Mgmt.
Maintenance
3D Printing

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 | 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 product development, failure analysis, usability, and design for manufacturability.

3D Printing Consultant & Trainer
Mindesign | Granada | 08/15 - 08/16