

José Manuel Sarrión Navarro



Contact

LinkedIn:

[linkedin.com/in/josemanuelssarrión](https://www.linkedin.com/in/josemanuelssarrión)

GitHub:

github.com/josemasar

Portfolio:

josemasar.vercel.app

E-commerce:

handfaechershop.com

Languages:

Spanish – native language
English – negotiation level
German – intermediate level
Italian – basic level

Date of birth:

27/09/1984 (37 years)

Nationality:

Spanish

About me

- + Industrial Engineer working 11 years in Aerospace in Germany
- + After working with SQL databases and low code environments, I discovered my passion for coding in JavaScript
- + Achieved my career change as a TypeScript Software Developer in 2021
- + Able to motivate, inspire and align large cross-functional engineering teams
- + Ability to understand complex business and user requirements
- + Excellent communication and presentation skills
- + Husband and father of two babies
- + Photographer, entrepreneur, tennis player and technology enthusiast

Skills & Tools

- **Web Development:** TypeScript, React, [NextJS](#), [RedwoodJS](#), Ruby on Rails
- **Databases:** Oracle SQL, PostgreSQL, MongoDB, Firebase
- **APIs:** REST, GraphQL
- **UI/UX:** Tailwind CSS, Material UI, styled-components, Shopify Polaris
- **Low code environment:** Oracle Application Express ([APEX](#))
- **Photo & Video editing:** Photoshop, Lightroom, Capture One, Premiere
- **Data Engineering:** Python - pandas, matplotlib, scikit-learn, keras
- **Project Management:** Primavera P6, [Kanbanize](#), Ms Project
- **SAP ERP Production**
- **Stock technical analysis:** [Visualchart](#)

Working Experience



Rolls-Royce Deutschland, Brandenburg

Software Developer, Digital

08/2021 – current

- **Project – Engine Network:** Building the frontend application in **React** and **TypeScript** with a Flask backend (Python) to calculate aircraft maintenance forecasts and scenarios.

Rolls-Royce Deutschland, Brandenburg

Project Lead, Cost & Value Engineering

05/2017 – 07/2021

In this role I led and supported a variety of projects related to building internal tooling, software deployment and agile project management.

- **Project - Cost Intelligence Hub (18 months):** Lead a team of 5 people to build a **web app** and **database** to discover cost reduction opportunities in design engineering, manufacturing, supply chain and services. Production app used by 70+ employees. **Dev Stack:** Oracle SQL database, Application Express, Oracle SQL Developer, HTML, JavaScript and CSS.
- **Project – Engine Life-cycle optimization (12 months):** Develop a **web app** and **data base** to support engine end of life by driving operations for new and used material based on data.
- **Project - Primavera P6 Deployment in Cost (6 months):** Deployment leader of the corporate management tool in a team of **20+ planners**.

Rolls-Royce Deutschland, Brandenburg

Customer Spares Representative, Customer Services

11/2015 – 04/2017

- Operational leader to provide delivery of spare replacement parts to Gulfstream and resolve **Aircraft On Ground** (AOG) cases in the 24/7 Operational Service Desk (OSD).
- Order management of spares, tooling, retrofit and campaign material for Authorised Service Centres and other Rolls-Royce warehouses world-wide.

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Working Experience

Rolls-Royce Deutschland, Brandenburg

Material Planner, Procurement

11/2013 – 10/2015

- Primary **interface** for the suppliers Bombardier Shorts and Spirit Aero to coordinate all activities related to **material planning, inventory, delivery, manufacturing change and invoicing** for nacelles components assembled in BR700 family and Trent 700.
- **Project - Green Belt Certification (6 months): Improved management of Hospital Stock for Trent 700 Final Assembly Line in Airbus Toulouse**, France. Applying forecasting methodology to RR inventory in Toulouse to increase parts availability.

Rolls-Royce Deutschland, Brandenburg

Forecaster & Spares Provisioning Manager, V2500 engine

11/2011 – 10/2013

- Responsible for spares **demand forecasting** and **inventory management** of compressor parts to overhaul V2500 engines - powers Airbus 320.
- Assistance in establishing budget plans, internal supply chain capacity analysis, fly forwards and maintenance of forecasting master data.
- **Project – Transition V2500 compressor to Pratt & Whitney (12 months):** support V2500 Service transition to P&W after acquisition of RR shares by IAE consortium.

Rolls-Royce Deutschland, Brandenburg

Project Management Internship, Installations & Controls Engineering

03/2011 – 09/2011

- Project lead support on **Process Change Board (PCB)** for Civil Small Rolls Royce engine fleet.
- Data maintenance of **resource and budget plans** for engine Modifications and Design Alternations.
- **Project - Integration of R-plan software** in the Controls department for current Engine Modification plans.



ResearchGate GmbH, Berlin

Intern Country Manager Spain with LLP Erasmus Placement Grant

10/2010 – 01/2011

- Expansion and business **growth** of the platform: marketing strategy definition, communication to clients and preparing reports.
- Contribution to the company blog and at other media communities.

Education



Master of Science **Industrial Engineer** – 2010 Universidad Politécnica de Valencia, Spain



Master Thesis "Information and Communication Tools used by SMEs collaborating in Business-driven Networks". ECTS Grade: A – 2010 Linköping Universitet, Sweden



Master's Degree in **Mathematics Teacher** - 2015 Universidad Internacional Isabel I de Castilla, Spain

Certifications

- **Driving License B1** – 2006
- **Tennis teacher** 1st level Qualification, FCTV – 2002
- **Green Belt** in Lean Manufacturing Six Sigma – 2015
- Telenor CHP Copenhagen **Marathon finisher** – 2016
- **R2 Data Labs Agile Methodology** certified - 2021
- Completing **Microsoft Azure Cloud Admin (AZ-104)** certification training in Microsoft Enterprise Skills (50+ hours training)