

Bruno Serrano Trejo

Technical Product Manager · Engineering & AI

• Open · Remote work in Europe | bruno-serrano.com | linkedin.com/in/bruno-serrano-trejo



— PROFILE

I build software for people inside large, careful organisations, where the hard part is rarely the technology. Since 2017 I have moved between shipping product and building the ML and data systems underneath it — enough of both to tell which half a problem is actually in. The work I like is the kind nobody volunteers for: **replacing processes people have worked around for a decade, and closing the gap between what a model can do and what an organisation will actually adopt.**

— EXPERIENCE

Airbus

Jul 2024 - Present

IT Product Manager, AI & Digital Transformation · Hamburg, DE

- Own internal products end to end, from discovery through adoption, across internal engineering teams, vendors, and subcontractors.
- Procurement automation, AI-assisted engineering workflows, project portfolio management, and business process systems across Aerostructures.
- The work is replacing manual engineering and procurement processes with automated ones in a setting where every decision has to stay explainable afterwards — which is where automation meets real permissions, approvals, and audit trails.

New Work SE

Feb 2021 - Jun 2024

BI Product Manager · Hamburg, DE

Cloud Migration & BI Transformation Programme

- Led a 24-month, company-wide cloud migration and BI overhaul — delivered **20% under a €2M budget**, across 500+ stakeholders in 5 business units and several group companies.
- Reporting went from weeks of manual work to automated dashboards, and from near-zero cross-group visibility to 300+ standardised top-level KPIs. The CPO and CFO called it a game changer.

Data Products & Analytics Platform

- Built and owned a multi-tier data product: C-suite dashboards, 80+ product team dashboards, and the analytics data marts under them. It became how the company made decisions.
- Led forecasting for core business KPIs — member base, DAU, job postings — feeding quarterly planning and OKRs. Project-led a distributed BI team of 23 engineers.
- Defined the data governance framework: ontology, SLAs, KPI ownership, quality standards. The work was never the dashboards; it was getting people to trust a number they had not computed themselves.

KAUST

2022

ML Research — Spectroscopy & Gas Mixture Analysis · Saudi Arabia

- **94% classification accuracy** on held-out sets, against a measured baseline, with reproducible runs.

4see

2017 - 2019

AI Researcher — Commodity Forecasting · Hamburg, DE

- **60% directional accuracy** on oil futures, used to generate live trading signals.
- Built the pipeline end to end: feature engineering, evaluation, deployment. Nothing shipped without a held-out test set, a baseline to beat, and a rollback path — evaluation discipline with money on the outcome.

— CORE SKILLS

PRODUCT

End-to-End PM Lifecycle · Roadmap & OKRs · PRD Authoring · KPI Definition · Stakeholder Alignment · Regulated Environments · Agile · Kanban · Discovery & Delivery

AI & DATA

ML Model Development · Agent & Harness Development · Model Evaluation · Forecasting & LSTM · Data Modelling

CLOUD & PLATFORMS

Cloud Migration Strategy · SaaS Customisation · Low-Code Automation · Enterprise IT Architecture

— TOOLS & ENVIRONMENTS

Python · SQL · Jupyter · TensorFlow · PyTorch · Vertex AI · AWS · Snowflake · Tableau · GitHub · CI/CD · Jira · Miro · Claude Code · Codex · Hermes

— EDUCATION

M.Sc. Mechanical Engineering & Management

TUHH · Hamburg, Germany
Thesis: data-driven decision-making under uncertainty.

B.Sc. General Engineering Science

TUHH · Hamburg, Germany
Thesis: ML-calibrated robot arm for automotive HUD systems. Mechatronics and robotics.

Erasmus Exchange

SDU · Odense, Denmark

— LANGUAGES

Spanish Native
English C2
German C2