



Bruno Serrano Trejo

Technical Product Manager · Engineering & AI

● Open · Switzerland (Hybrid/Remote) | bruno-serrano.com | linkedin.com/in/bruno-serrano-trejo | ES · EN · DE Fluent

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
- Python · scikit-learn
- Forecasting & LSTM
- SQL · Data Modelling
- Snowflake · Airflow
- Tableau
- LLM Evaluation

CLOUD & PLATFORMS

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

LEADERSHIP

- Programme Leadership
- Cross-Functional Teams (23+)
- €2M+ Budget Ownership
- Vendor & Supplier Mgmt
- Executive Stakeholder Mgmt
- Data Governance

TOOLS & ENVIRONMENTS

- Python
- SQL
- Jupyter
- TensorFlow
- PyTorch
- Vertex AI
- AWS
- Tableau
- GitHub
- CI/CD
- Jira
- Miro

EDUCATION

M.Sc. Mechanical Engineering & Management

TUHH · Hamburg, Germany
Thesis on data-driven decision-making under uncertainty. Programme bridging entrepreneurship, innovation management, and advanced robotics.

B.Sc. General Engineering Science

TUHH · Hamburg, Germany
Thesis: ML-calibrated robot arm for automotive HUD systems. Mechatronics & Robotics specialisation.

Erasmus Exchange — Entrepreneurship & Engineering

SDU · Odense, Denmark
Designed the accumulator container for SDU Viking's Formula Student car — cross-team coordination across chassis, electrical, and powertrain.

LANGUAGES

- Spanish Native ●●●●●
- English C2 ●●●●●
- German C2 ●●●●●
- French A2 ●●●●●

PROFILE

Technical Product Manager focused on AI, digital transformation, and data products in complex engineering environments. At Airbus, I lead internal product delivery from discovery to adoption across secure, regulated contexts, coordinating subcontractors, vendors, and engineering teams. At New Work SE, I drove a €2M cloud migration and BI transformation 20% under budget with 500+ stakeholders, building a multi-tier data product ecosystem that became the company's primary decision-making layer. Earlier, I built ML systems hands-on — including 94% classification accuracy at KAUST and 60% directional accuracy on commodity futures at 4see. **German (C2), English (C2), Spanish (native) · open to Switzerland-based hybrid and remote roles.**

EXPERIENCE

- Airbus** Jul 2024 – Present
 IT Product Manager, AI & Digital Transformation · Hamburg, DE
 - Shipping products for internal customers across a complex, secure, and interconnected environment — leading teams of subcontractors, vendors, and internal engineers. Full lifecycle ownership from discovery through adoption.
 - Products span procurement automation, AI-assisted engineering workflows, project portfolio management, and business process systems across Aerostructures.
 - Driving digitalization of complex manual engineering and procurement workflows in a highly regulated, cross-functional environment, replacing legacy processes with scalable automated solutions.
- New Work SE** Feb 2021 – Jun 2024
 BI Product Manager · Hamburg, DE
Cloud Migration & BI Transformation Programme
 - Spearheaded a 24-month, company-wide cloud migration and BI overhaul — delivered **20% under a €2M budget**, coordinating 500+ stakeholders across 5 business units and multiple group companies.
 - Transformed reporting from weeks-long manual cycles to fully automated dashboards; moved from near-zero cross-group visibility to 300+ standardized, reliable top-level KPIs. Outcomes described as 'a game changer' by CPO and CFO.**Data Products & Analytics Platform**
 - Built and owned a multi-tier data product ecosystem: C-suite strategic dashboards, 80+ product team dashboards, and full analytics data marts — became the company's primary decision-making layer.
 - Led forecasting model development for core business KPIs (member base, DAU, job postings), feeding quarterly planning and OKR-setting for senior leadership.
 - Project-led a BI team of 23 engineers as de-facto team lead; coordinated from junior to senior level across a fully distributed setup.
 - Defined data governance framework: ontology design, SLA definitions, KPI ownership model, and data quality standards — reducing duplicate metrics and improving cross-functional trust in data.
- KAUST** 2022
 ML Research — Spectroscopy & Gas Mixture Analysis · Saudi Arabia
 - Achieved **94% classification accuracy** identifying gas compositions from spectroscopic data at King Abdullah University of Science and Technology.
- 4see** 2017 – 2019
 AI Researcher — Commodity Forecasting · Hamburg, DE
 - Achieved **60% directional accuracy** on oil futures — used for live trading signal generation.
 - Built the full ML pipeline end-to-end: feature engineering, model evaluation, and deployment.