

# Abderrazzak Outzoula

Engineer

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## Profile

Engineer with a strong scientific background and a specialized MBA in Supply Chain Management, currently seeking a final-year internship (PFE) in supply chain to leverage technical expertise and business acumen in driving operational performance and transformation.

## EXPERIENCE

### **TMS Project Manager, SAFRAN Electronics and Defence (DIO)**

09/2024 – 09/2025

Massy, FRANCE

- De-carbonization project: Led data gathering from several transport agencies to calculate the CO<sub>2</sub> footprint.
- Collaborated with various SAFRAN companies to reduce the overall CO2 impact.
- TMS Implementation: Developed technical specifications and led the deployment and configuration of the Transportation Management System (TMS), achieving a 25% ROI. Created an automated data pipeline between Log-Hub and the TMS to support real-time network optimization.
- Network Design Optimization: Conducted transport network redesign and downstream logistics optimization using the Log-Hub framework.
- ERP Migration (MyERP): Contributed to the SAP ECC S/HANA transition through gap analysis across plants, ensuring process alignment with logistics operations.
- Strategic Sourcing: Participated in supplier selection committees for new product development and assessed the resilience of electronic components sourced from Taiwan.
- Control Tower: Helped design a transport control tower for real-time visibility over flows and cost monitoring.
- Cost Resilience: Led a BOM cost structure analysis to anticipate the impact of global tariffs and secure procurement strategies.

Skills: Data Analysis, ESG Strategy, TMS Implementation, Network Optimization, SAP S/HANA, Gap Analysis, Process Redesign, Stakeholder Management, Change Management.

### **Supply Chain consultant (remote), TAAGER (Startup)**

05/2024 – 08/2024

LYON, FRANCE

- Designed and implemented a logistics performance dashboard that reduced delivery times by 15% by identifying critical bottlenecks.
- Conducted training sessions for staff on Lean Management principles, significantly enhancing operational efficiency.

Skills: Supply Chain Optimization, Lean Management, Data Visualization, Cost Reduction, Supplier Evaluation, Logistics Strategy.

### **Supply chain engineering intern/Project management and steering, Royal Air Maroc**

05/2023 – 09/2023

CASABLANCA, MAROC

- Maintenance operations (engines, hydraulics...) and engine run-ups / Inventory Management.
- Planning the maintenance operations with the PPC department.
- Continuous Improvement operations.
- Discovering the quality management and security procedures of Royal Air Maroc and aviation in general.

Skills: Maintenance Planning, Inventory Management, Process Improvement, Aviation Quality and Safety, Project Coordination.

## EDUCATION

### **MBA Supply chain management, Université Paris 1 Panthéon-sorbonne / IAE**

09/2024 – Ongoing

Paris, FRANCE

### **Master in DATA SCIENCE & DIGITALISATION,**

Ecole centrale de lyon X Ecole centrale de CASABLANCA

09/2022 – Ongoing

LYON, FRANCE

## SKILLS

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### Prog. Languages

Python, C/C++, Matlab, R, Minitab, Git, Bash, LaTeX, Excel

### Manufacturing techniques

Additive manufacturing, Laser cutting, Machining

### Soft Skills

Project Management and Teamwork, Innovation and Leadership, Analytical and Pragmatic Thinking

### Simulation and Modeling

Experience with software tools and ERP: SAP, Arena, AnyLogic and Simul8

### Work design techniques

Lean management, Lean six sigma, 5S, VSM, Kaizen, Kanban

## Languages

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### English

Advanced: C2

### French

Advanced: C1

### Arabic

Native

## Projects

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### S&OP Optimization Project, IAE Paris (Academic Project with FMCG Company)

02/2025 – 04/2025

- Designed a Sales and Operations Planning model to align production and supply with fluctuating market demand in multiple European regions.
- Integrated promotional events, capacity constraints, and demand variability to improve forecast reliability and service level.

Skills: S&OP, Demand Planning, Forecasting, Inventory Optimization, FMCG Supply Chain, Supply-Demand Alignment

### GXO Logistics (Academic project at Centrale Lyon)

10/2023 – 12/2023

- Designed a sensorless collision avoidance system for autonomous warehouse robots using GPS and deep learning.
- Replaced the ORCA model with a neural network trained on simulated data, reducing real-time computation needs.
- Aligned with GXO's goals in warehouse automation and supply chain digitalization.

Skills: Robotics, Deep Learning, Data Engineering, Supply Chain Optimization, Warehouse Automation.

## Associative Life

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- Served as the Event Manager for the Sports Association at Centrale Lyon, organizing and coordinating sports events and activities.
- Currently a member of France Supply Chain, contributing to discussions and initiatives in the supply chain domain.