

Mahdi Karabiben

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SUMMARY

Product & data leader with a decade of experience designing and building petabyte-scale data platforms across AdTech, SaaS, and Finance. Leveraging a deep engineering background (8+ years) as a product manager to build scalable, high-impact products in the data space. Proven success leading cross-functional teams to scale complex internal data platforms and ship highly adopted, AI-first SaaS products.

EXPERIENCE

Neo4j

Senior Product Manager - Graph Analytics

Dec. 2025 – Present
Paris, France (Remote)

- **Revamped the Aura Graph Analytics offering** by centering the strategy on the cloud-based serverless product, defining an exhaustive product roadmap to drive execution.
- Enabled multiple **multi-million-dollar enterprise customers** to migrate to the new cloud offering by shipping critical capabilities, including ML model persistence for ephemeral analytics sessions.
- Drove **cross-product integration with Neo4j Bloom** (interactive UI), increasing usage and bringing a new persona (data analyst) to the Analytics product.
- Defined and shipped an **end-to-end product analytics strategy** (from 20+ new telemetry events to custom Preset reporting dashboards) to guide future iterations.

Sifflet

Head of Product & Data (Promoted from Senior PM)

Mar. 2024 – Dec. 2025
Paris, France

- **Led the product organization (2 PMs, 1 Designer)** to evolve Sifflet from a standard monitoring tool into an AI-first data observability platform.
- **Drove a 4x increase in active customer monitors** by shipping an improved as-code creation framework and introducing AI agents capable of generating fine-tuned monitor recommendations.
- Brought **Sifflet's first three AI agents to market**, enabling automated monitor recommendations, root cause analysis (RCA), and incident resolution.
- Shipped core capabilities including **Data Products**, Custom Metadata, and Pipeline Monitoring, directly **acquiring multiple high-profile digital-native customers**.
- Solidified Sifflet's positioning in the modern data stack by revamping the dbt integration, shipping a Fivetran integration, and bringing impact analysis to CI/CD workflows via GitHub/GitLab.
- Acted as the internal product lead for Sifflet's own data platform, overseeing product analytics and customer data-sharing infrastructure.

Zendesk

Staff Data Engineer (Promoted from Senior)

Nov. 2021 – Apr. 2024
Paris, France (Remote)

- Led the design and implementation of **key components for Zendesk's Snowflake-based data platform**, managing a team of 4 engineers.
- Shipped **scalable data products** that became critical infrastructure for the internal platform, earning a **promotion to Staff Engineer in just 9 months**.
- Revamped the Product data domain to deliver **feature-level analytics** at scale and **led the organization-wide adoption of dbt**.
- Spearheaded the data quality and observability initiative for core data and **shipped automated data quality monitoring**, ensuring high reliability across large-scale data movement and transformation pipelines.

FactSet

Data Engineer

Apr. 2020 – Nov. 2021
Paris, France

- Designed and built an internal content data lake on AWS (Glue, EMR, Athena, S3) providing **interactive access to millions of financial documents**.

- Implemented and maintained a scalable **cloud-based MLOps framework** (SageMaker, CodePipeline) and an ECS-based Apache Superset environment utilized by multiple teams.

Crédit Agricole CIB

Nov. 2018 – Apr. 2020

Data Engineer (Consultant)

Paris, France

- Engineered Apache Spark pipelines on top of a Hadoop data lake to process and store the bank's market risk data **in compliance with strict FRTB regulations**.
- Developed Apache Spark modules to process Front-Office events and **introduced an automated non-regression testing module** via Apache Zeppelin adopted by multiple teams.

numberly (1000mercis Group)

Jan. 2018 – Jul. 2018

Data Engineer (Internship)

Paris, France

- Revamped the data architecture for the emailing product by building new Apache Spark and Apache Airflow pipelines, **improving long-running ETL execution times by 50%**.

Democracy International

May 2017 – Jan. 2018

Data Visualization Specialist

Tunis, Tunisia

- Analyzed municipal election data and engineered interactive web visualizations using D3.js and Tableau for an online elections portal.

PROJECTS & PUBLICATIONS

Modern Data 101 | *Masterclass: Data Modeling for Data Products*

Sep. 2025

- Authored and delivered a comprehensive masterclass on designing scalable and effective data models specifically tailored for modern data products.

Manning Publications | *Author: Building an End-to-End Big Data Pipeline*

Oct. 2021 – Feb. 2022

- Authored a successful 4-project live series teaching **nearly 1,000 learners** how to build a three-layer data lakehouse using Apache Spark, Delta Lake, and Superset.

EDUCATION

National Institute of Applied Science and Technology

Sep. 2013 – Jun. 2018

Engineer's degree in Computer Software Engineering (Graduated with Honors)

Tunis, Tunisia

AWARDS & CERTIFICATIONS

- **Awards:** Included in TNW & Financial Times's Next 750 list (2025) and T500 list (2024); Winner of the 2017 Tunisian Data Driven Journalism Hackathon.
- **Certifications:** McKinsey Forward Program (2024); Product Thinking Frameworks, Maven (2025); Product Analytics, Pendo (2024); Leading with Data-Driven Strategies, ESSEC Business School (2023); Ignite Tech Lead Bootcamp, Lidr (2023).

SKILLS

Product & Strategy : Product Management, Data Products, AI/ML Agents, Data Modeling, Product Analytics

Data Engineering & Cloud : Apache Spark, dbt, Snowflake, BigQuery, AWS, GCP, Apache Airflow, Hadoop