

Pim Steijns

Data Engineer · Maastricht, Netherlands

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Data engineer and IT & data architect. I design data architectures and build production pipelines for enterprise clients, with work spanning ERP integration at Johnson & Johnson, automated-lab system design, and real-time Customer 360 services at KPN. Strong in Python and SQL, cloud data warehousing (Snowflake, BigQuery), and consolidating multi-source data into product-facing services under real reliability and governance constraints.

EXPERIENCE

Data Engineer / IT & Data Architect — Sia Partners 2024 – present

Enterprise data engineering & architecture for clients incl. Johnson & Johnson and KPN · Netherlands

- **Johnson & Johnson — ERP migration (JD Edwards → SAP S/4HANA):** documented and rationalized 180 interfaces, redesigned integrations across the enterprise landscape.
- **Johnson & Johnson — QC Lab of the Future:** led technical design of the system architecture for a fully automated QC lab (LIMS, MES, Kafka; ~20-person program).
- **KPN — Customer 360:** designed and built unified customer microdatabases on K2View, consolidating 8 source systems into a real-time, product-facing 360° customer service (team of 3 engineers).
- **KPN — Data security & governance:** built a Python-based breach-detection and automated auditing platform; established governance guidelines reaching higher compliance.
- **Salesforce Data Cloud (PoC):** implemented JDBC connectivity to PostgreSQL for real-time data sync between operational systems and the CDP.

Data Engineer / Analyst — Freshheads 2023 – 2024

- Architected the data infrastructure for the OFED online learning platform: scalable database models, ETL/ELT pipelines and analytics serving 10K+ users.
- Built the analytics pipeline and interactive dashboards for a healthcare platform (Standby Zorg); established data governance and automated reporting.

Data Analyst — Sligro 2021 – 2022

- Automated online data streams and KPI monitoring for a fast-growing webshop; built Power BI dashboards driving e-commerce optimization.

Founder — Pim Steijns IT 2019 – present

- Independent IT practice: built and operate production Next.js platforms (NIBM Tower Cranes, Keystone SaaS) end-to-end — product, backend, deployment and CI/CD on Vercel.

SKILLS

Languages: Python, SQL, Java, JavaScript

Data platforms: Snowflake, BigQuery, PostgreSQL, SQL Server, K2View, PySpark

Cloud & DevOps: AWS, Azure, Git, CI/CD, Vercel

Analytics: Data modeling, ETL/ELT, Power BI, Tableau, Looker Studio

Deepening now: Databricks Data Engineer Associate (certification in progress), Kubernetes, GraphQL

EDUCATION

BSc ICT & Open Innovation

Fontys University of Applied Sciences · 2019 – 2023

Exchange: Databases & Machine Learning

Halmstad University, Sweden · 2022 – 2023

CERTIFICATIONS

Azure Fundamentals (AZ-900) · 2023

K2View CDC Integration · 2024

Java Bootcamp — Udemy · 2024

Power BI: Dashboard in a Day · 2021

LANGUAGES

Dutch — native · English — fluent