

THOMAS NYS

Freelance Data Architect & Delivery Lead

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PROFILE

Results-driven freelance data architect and delivery manager with a strong background in software engineering and cloud-native platforms. Specialized in data platforms within regulated sectors (GxP, clinical, public). I bring structure and momentum to complex initiatives, combine vision with execution, and lead teams toward successful deliveries with measurable impact.

CORE COMPETENCIES

- Coaching multidisciplinary engineering teams
- Data architecture & platform strategy (Azure, GCP, Kafka, dbt, Databricks)
- Delivery leadership & stakeholder management
- GxP compliance and governance
- Integration projects (API, real-time data, event-driven)
- Legacy system migration to cloud

WORK EXPERIENCE

Cerba Research – Freelance Delivery Manager Data & Digital | Data Architect

Oct 2023 – Present | Ghent

- Led 2 strategic data initiatives: new client portal + GxP-compliant data hub
- Bridged architecture and delivery in a tightly regulated environment
- Technologies: Azure Data Lake, Synapse, Databricks, Power BI, Laravel, PHP 8.2, MySQL

Port of Antwerp-Bruges – Freelance Lead Data Engineer / Architect

2021 – 2023 | Antwerp

- Led engineering team building a new cloud data warehouse
- Implemented ML-ops track and migrated >150 SQL Server artifacts
- Stack: Azure, Databricks, Kafka, Terraform, Gitlab, Python, Qlik Replicate

Easyfairs – Freelance Tech Lead Data Engineering

2019 – 2021 | Brussels

- Architected and built GCP-based data platform from scratch
- Led >6 BI and data engineers
- Stack: Google Cloud, BigQuery ML, AutoML, Kafka, Airflow

Big Industries – Senior Data Engineer / Team Lead

2018 – 2019 | Kontich

- Projects for Bridgestone, Nike, Atrias, VEA on Azure and AWS
- Developed onboarding and growth paths for new engineers

Foodpairing – Data Engineer

2016 – 2018 | Ghent

- Introduced Python as a common programming language across teams, reducing lead times and increasing productivity.
- Built web crawlers, Spark ETL pipelines, dashboards (Bokeh), and custom tooling to support analysts and data scientists.
- Helped shape FoodPairing's early data strategy through hands-on engineering in a high-innovation environment.

Rialto – Software Engineer

2015 – 2016 | Ghent

Openminds – Software Engineer

2014 – 2015 | Ghent

City of Lokeren – IT Support Engineer

2011 – 2014 | Lokeren

Chef – Various Michelin-Star Restaurants

2007 – 2011 | Belgium & France

- Worked as commis, chef de partie, and sous-chef in top-level kitchens.
- Gained early discipline and structure through high-pressure teamwork environments.

EDUCATION

- Java EE Developer – VDAB (2014)
- Hotel and Tourism – School Ter Duinen – Koksijde (2008)
- Social Sciences – Koninklijk Atheneum Aalst (2004)

TECHNICAL SKILLS

Cloud & Data Platforms: Azure, GCP, Databricks, AWS, Snowflake

Data Engineering: dbt, Airflow, Spark, Kafka, Python, SQL

CI/CD & Infrastructure: Terraform, GitLab CI, Azure DevOps

LANGUAGES

- Dutch (native)
- French (full professional proficiency)
- English (professional working proficiency)

HOBBIES

- (Ultra)running & strength training
- Festivals and live music
- Movies and series