

CALVIN SMITH

DATA ENGINEER

DETAILS

ADDRESS

Göteborg
Sweden

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0735308775

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LINKS

[Linkedin](#)

SKILLS

SQL

Python

Airflow

Dbt

Kafka

Snowflake

Kubernetes

Docker

Git

Golang

Azure

Trino

PROFILE

I am an enthusiastic full-stack data engineer working with a modern data stack. I love the cool and interesting world of data. There are so many awesome tools and technologies to explore and develop! I am a curious problem solver that enjoys working together with my colleagues to come up with great solutions that contribute to meaningful value for the company. I like learning new things and keeping up to date with the world of data engineering, programming and technology. Currently hooked on Golang, the Iceberg table format, MinIO as a self-hosted S3 storage and the Trino query engine.

EMPLOYMENT HISTORY

Data Engineer, Lindex

Gothenburg

Aug 2023

I am currently responsible for developing and maintaining the data platform at Lindex. Everything we develop is containerized using Docker, deployed in Kubernetes, version controlled with Git and build pipelines are developed in Azure DevOps. Further, some of my responsibilities are, but not limited to:

- Maintaining and developing Airflow deployed on bare-metal Kubernetes,
- Developing new data integrations and pipelines using tools like Airflow, Python, Dbt, Kafka, Sling and Benthos.
- Managing and maintaining the teams repos in Azure DevOps. This includes developing build and deployment pipelines.
- Managing the teams Kubernetes deployments.

Some noticeable accomplishments during my time at Lindex:

- Successfully moved Airflow to running on bare-metal Kubernetes. Our previous Airflow deployment ran on in house servers with docker compose.
- Developed an extensive library of custom Airflow plugins using Python. These are plugins that are used in virtually all of our DAGs. For example, we have plugins used to interact with Snowflake, Azure Blob Storage and the Power BI API.
- Built a custom Go application for orchestrating Airflow DAGs based on incoming Kafka messages.
- Developed a custom repo for automating the deployment of new streaming applications (Kafka -> Benthos -> Snowflake).
- Successfully transitioned from using Airbyte to Sling as our loading tool.

Currently, we are also exploring alternative ways of storing and transforming data without using cloud compute, by using MinIO as our storage, Iceberg as our table format and Trino as the compute engine! This is something that I would love to continue exploring.

Technical Consultant, Sigma Technology

Gothenburg

Feb 2023 — Jun 2023

EDUCATION

Bachelor's degree Mathematical Statistics and Probability, Gothenburg University

Aug 2017 — Jun 2020

Master's degree Mathematical Statistics and Probability, Gothenburg University

Aug 2020 — Jan 2025