



## CONTACT

✉ bjorn.claessens@gmail.com

☎ +32 472 18 42 24

📍 Vosselaar, Belgium

🌐 Bjorn Claessens

## SKILLS

### Languages

Dutch: Native English: Professional

### Big Data & Cloud

PySpark Kafka Eventhub AWS

Azure Databricks Snowflake

Unity Catalog Hadoop Cloudera

Airflow Kubernetes

### Languages & Scripting

Python Scala Java SQL Bash

### DevOps & Tools

Linux Wsl Git CI/CD

Azure DevOps Jenkins Puppet

Terraform Docker Copilot Mistral

Local LLMs

### Methodologies & Soft Skills

Agile (SAFe), Scrum, Team Leadership, Cross-team Collaboration, Technical Mentorship, Problem Solving, Effective Communication, Pragmatic Approach to Complexity

## HOBBIES

Automation Technology

Cars Reading

Personal Finance AI

# BJORN CLAESSENS

## SENIOR DATA ENGINEER

Senior Data Engineer specializing in distributed systems and real-time data pipelines. Passionate about building scalable data platforms that power enterprise decision-making.

## PROFESSIONAL EXPERIENCE

**04/2023 - Present** **ASML**  
 Freelance Data Engineer  
 Data engineering for complex machine data processing.

PySpark Python Azure Databricks Kubernetes  
 Azure DevOps Linux

*Eindhoven, NL - Freelance role within ASML's data migration art*

### Main tasks:

- Complex machine data parsing using medallion architecture
- Data engineering for real-time and batch-based solutions
- Hardening solution for handover to offshore/nearshore maintenance and support
- Robust monitoring logging and alerting using Azure Application insights

**Tech environment:** Parsing Lithography machine data into machine tasks and states. Serving a broad business with a gold layer dataset.

**10/2019 - 04/2023** **Nike**  
 Senior Data Engineer / Tech Lead  
 Technical lead for a data squad building scalable, reusable data pipelines.

PySpark Hadoop Airflow AWS Python Linux  
 Snowflake

*Laakdal, Belgium - Senior Data Engineer and Tech Lead for a data squad within Nike.*

### Main tasks:

- Built scalable and reusable data pipelines to provide foundational data aligned to global data model
- Core commit to inner-sourced ETL framework (infra as code, metadata driven, built on PySpark)
- Technical lead of squad - defined and upheld best practices
- PoC new possible tech stacks / solutions
- Active community of practice member
- Assisted in architectural decision making

**Tech environment:** In house data-pipeline framework, later open-sourced as Koheesio.

**04/2016 - 10/2019** **Dynapps N.V. (client Johnson & Johnson)**  
 Big Data Consultant  
 Consultancy for Big Data projects - ETL at scale (batch and NRT).

Kafka Hadoop Scala Python Linux

*Geel / Beerse, Belgium - Consulting role at Dynapps working with Johnson & Johnson on large-scale Big Data projects.*

### Main tasks:

- ETL at scale (batch and NRT)
- ML pilots
- AB deployment of datasets
- Cost management

**Tech environment:** Internally managed CDH, serving ServiceNow data and insights to business users.

**07/2014 - 03/2016** **Cronos**  
 Big Data Consultant  
 Development, Operations & DevOps consultancy for Big Data projects.

Hadoop Cloudera Python Apache Spark  
 Titan Distributed Graph HBase Solr MapReduce  
 Java Linux

*Kontich, Belgium - Consultancy covering the full stack of Big Data project delivery. Also developed a B2B content asset management service for Belga providing searchable, aggregated source of live news feeds, public domain media and archives.*

### Main tasks:

- Cloudera cluster deployment & administration
- DevOps for Big Data infrastructure

**Tech environment:** Contracted to smaller clients for PoC's and infra rollouts. Clients include VTM, Belga, ...

**10/2014 - 03/2016** **[Cronos] Telenet**  
 Cloudera Hadoop Cluster Administrator  
 Administrator of Cloudera Hadoop cluster for Telenet — Belgium's largest cable broadband provider (analog/digital TV, fixed &...)

Cloudera Hadoop Puppet HP ILO Linux

*Managed enterprise Hadoop infrastructure (on premises)*

**Tech environment:** On premise, bare metal servers hosting CDH Managed cluster

**07/2010 - 07/2011** **Hewlett Packard (HP)**  
 First Line Service Desk Agent  
 First line IT support and service desk operations.

IT Support

## EDUCATION

### Thomas More Kempen

Bachelor in Applied Informatics (Cum Laude)  
 Internship in Beijing, China  
 2011 – 2014

### Thomas More Kempen

Bachelor in Teaching — IT and Biology  
 2007 – 2010