

# CV

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## Nikita Barskov, Data and ML Engineer

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### Summary

I am a software engineer based in Oslo, specialising in data, data analysis and machine learning.

I hold a master's degree in Computer Science and Data Analysis and a bachelor's degree in Applied Physics and Mathematics.

In my career, the majority of the time, I worked as a full-stack data specialist.

I have five and half years of experience in different industries: programmatic advertisement, oil and gas, and retail. I am familiar with a wide range of technologies and approaches:

- Dev- and ML- Ops: I have experience working at the Analytics Platform Team, enabling data scientists and data analysts and adopting the Data Mesh,
- Public Cloud : I primarily worked with Google Cloud Platform and partially Azure using Infrastructure as Code with Terraform,
- Data engineering: data modelling (I used protobuf), consuming (I wrote pipelines in Python), transforming (I used dbt) and serving (via analytical database such as BigQuery),
- Data analytics and analysis: I've been analysing the data and delivering machine learning models.

I always seek challenging and rewarding opportunities to leverage my expertise in product development.

I am focusing on staying up-to-date with the latest developments and practices in the data and ML fields.

## Experience

### Data and ML Engineer @ Coop Norge

April 2021 - now

I am participating in adopting the Data Mesh as a member of the Analytics Platform Team and contributing to the digital customer leaflet product for Coop mobile application users.

*Technology stack:* Google Cloud (BigQuery, GKE), GitHub, GitHub Actions, Terraform, Protobuf, gRPC, dbt, PostgreSQL, Python.

### Data Engineer / Data Scientist @ Rystad Energy

September 2019 - March 2021

As a member of Technology Team, I had to maintain legacy code and applications and develop a new set of services, pipelines and models.

I developed pipelines and storage to consume and serve satellite images of shale wells, created a model to forecast emissions based on the flaring data and designed cost-efficient storage for marine traffic data.

*Technology stack:* on-premise, Ansible, BitBucket, PostgreSQL, Prometheus, dbt, Python.

### Data Engineer / Data Scientist @ Inventale

September 2017 - August 2019

I was a part of the inventory forecast team of Inventale product. My primary responsibility was to find a solution to improve the quality of the advertisement inventory forecast.

I developed and implemented an algorithm for predicting users' interactions with advertising content and created a forecast analysis service so client analysts can always check the forecast quality.

*Technology stack:* on-premise, Mesos, Hadoop, DC/OS, Prometheus, MySQL, Python, Scala.

### Intern @ Cxense DMP

April 2017 - September 2017

I worked in Cxense DMP product development team as an intern. My main focus was to learn production-grade development practices by participating in designing APIs and developing services and data pipelines.

*Technology stack:* on-premise, Mesos, Aurora, Prometheus, Python, PostgreSQL, Java.