

Torger Bocianowski

Software Developer & Robotics Engineer

Work Experience

**aug. 2024 -
present**

Digit AS
Oslo

Head of Technology

Digit AS distributes BankID devices on behalf of DNB and 12 other Norwegian banks. As the head of technology, I am responsible for building new systems and services, as well as modernizing and automating old legacy systems and processes. I work closely with decision makers and try to understand which technical solutions are best suited for the business.

I work daily with the development of the distribution system, building a new website with a backend for analytics, and programming robots from Universal Robots to automate the production processes.

**okt. 2023 - jul.
2024**

Digit AS
Bergen

Developer and team-lead

Digit AS needed to modernize and scale their existing distribution system. I led a small team and was responsible for the development. The distribution system fetches, processes and stores daily BankID device orders from 13 different banks, where DNB is the largest. It has strict requirements for GDPR and IT security and follows the principle of least privilege.

The system is written in Go for performance and concurrency, with React as frontend. The data is stored in a Postgres database, and the system runs in a containerized environment in Azure. The infrastructure is written in Terraform, and we use GitHub Actions for CI/CD.

**jun. 2023 - aug.
2023**

DNB
Bergen

Summer intern

As part of the DNB Corporate Banking Liquidity team, I worked with fullstack development, cloud infrastructure in AWS and software architecture. Together with two other students, we built, tested and deployed an internal API. It fetched and stored

exchange rates from external sources, and was used by several internal systems.

The API is written in Go and built on AWS with Lambda, DynamoDB and API Gateway. It has various triggers like SNS, CloudWatch and S3. We used GitLab CI, and terraform to build the infrastructure.

Education

aug. 2022 - jun.
2024

Universitet i
Bergen
Bergen

B.Sc. Informatics, Mathematics and Economy

Interdisciplinary bachelor in informatics, mathematics and economy at the University of Bergen. Focus on optimization, algorithms and economic models, as well as their practical applications.

okt. 2021 - aug.
2022

Humboldt
Universität
Berlin

B.Sc. Informatics

I spent my first year of studies in Germany at Humboldt Universität zu Berlin. Focus on applied machine learning, linear algebra and theoretical informatics.

I wrote ML algorithms from scratch in Python with Numpy, while learning about existing technologies like Scikit-learn and PyTorch.

Extracurricular

feb. 2023 - feb.
2024

Webkom
Bergen

Leader

I was the leader of Webkom, the web committee in echo — The Student Association for Informatics. I was responsible for the development of echo.uib.no and other web applications. I led workshops and gatherings for students at UiB.

Technologies used were Next.js, TypeScript, Kotlin and Go. We used GitHub Actions for CI/CD, and deployed to Azure, Vercel and Heroku.

mar. 2023 - mai.
2024

echo Board
Bergen

Financial Manager

Responsible for the financial management of echo — The Student Association for Informatics. This included budgeting and accounting. Close contact with a professional accountant and businesses.

I used Fiken, Python and Excel to keep track of the finances.