

Torger Bocianowski

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Profile Summary

Technical leader and systems engineer specializing in scalable backend platforms and systems. As Head of Technology at Digit AS, I lead architecture and development of the company's core platform, enabling banking integrations and significant operational growth, as well as automated robotics integration.

Work Experience

oct. 2023 - present

Digit AS

Oslo

Head of Technology

Owned and led the architecture, development, and delivery of the company's core IT system, DiMitto, resulting in the onboarding of large banks and a 10x increase in order volume.

I led the rewrite of the legacy system into a scalable, fault-tolerant, cloud-native platform written in Go, applying Domain-Driven Design (DDD) principles to model business services and improve system modularity and maintainability.

Achieved 99.9% uptime, <150ms API latency, and strong reliability through full database transaction safety, retry mechanisms, and comprehensive error handling.

Key engineering challenges included designing reliable background processing for production workflows, handling inconsistent data formats across multiple banking integrations, and ensuring operational correctness through robust error handling and idempotent job execution.

nov. 2024 - present

Digit AS

Oslo

Robotics Integrations and Automation

Designed and implemented an automated production system integrating robotics with the DiMitto platform to ensure correct device-to-customer assignment during packaging.

The system uses a Universal Robots UR20, computer vision, ESP32 microcontrollers, and custom 3D-printed components with embedded sensors and actuators to automate device handling and packaging.

I developed RPC services for production control and core business logic, along with computer vision services using OpenCV and a custom YOLO model for anomaly detection, robot movement and verification during production.

To support operations, I built a real-time dashboard for monitoring, control, and observability of the production workflow.

**jun. 2023 - aug.
2023**

DNB
Bergen

Developer Intern

Built and deployed an internal API for exchange-rate aggregation used by several DNB systems.

Developed backend services in Go and deployed on AWS using Lambda, DynamoDB, API Gateway, SNS, CloudWatch, and S3 triggers.

Designed serverless architecture using Terraform and automated CI/CD pipelines with GitLab CI.

Worked closely with senior architects and engineers on cloud infrastructure, fullstack development, and internal financial tooling.

Education

**aug. 2022 - jun.
2024**

Universitet i Bergen
Bergen

B.Sc. Informatics, Mathematics and Economics

Interdisciplinary bachelor in informatics, mathematics and economics 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.

Technologies

Programming Languages: Go, Python, TypeScript, SQL, etc.

Robotics: UR, Vision, ML, Embedded Microcontrollers, 3D Modelling

Cloud Infrastructure: Containers, Networking, Storage & Caching, CI/CD

Misc: AI tools, collaboration tools, Office 365

Languages

Norwegian Native

English Fluent

German Fluent C1

Polish Conversational

Certificates

Universal Robots Core Training

Universal Robots Advanced Training

Hobbies

Gymnastics

Guitar

BJJ

