Therese Sørheim Stokkan

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💼 Relevant Experience

Accenture, *Software Engineer*　　　　01/2023 – present | Oslo

Floating Metrics ⧉

Floating Metrics ⧉ is a cloud-based event-driven system enabling real-time processing and visualisation of sensor data from floating wind turbines.

- Utilised Kafka, an event-driven, distributed messaging service, for efficient data collection and processing.
- Implemented containerised microservices with Docker, including Zookeeper, Kafka brokers, Kafka producers, and a Kafka consumer.
- Integrated external REST APIs to acquire weather and wave data.
- Stored acquired data in an SQL database and visualised it through Grafana.
- Collaborated effectively with a colleague, leveraging GitHub and GitHub Projects for streamlined project management.

System for technical documentation

- Developed templates and a code-based system to facilitate manual and automatic generation of technical documentation for a platform that enables the development of applications for cloud infrastructure.
- Developed example applications for use in the documentation.

NORMENT / Diakonhjemmet sykehus,　　　10/2019 – 05/2022 | Oslo
Research Assistant

- Performed processing, documentation, and organisation of MRI and clinical data utilising Bash scripting alongside data wrangling, analysis, and visualisation using R/RStudio.

Justervesenet, *Senior Engineer*　　　　06/2013 – 08/2018 | Oslo

- Developed advanced measurement setup for automated robotic systems.
- Engineered novel semiconductor material for solar cells, increasing carrier lifetime by 20%. Data analysis and visualisation.

🎓 Education

Java Reskill Program, *Brights*　　　　10/2022 – 01/2023 | Oslo

Full-stack development with a primary emphasis on Java backend development with Spring Boot.

Master of Science (Physics), *University of Oslo*　　　2008 – 2012

Materials, Energy and Nanotechnology

🧠 Skills

Backend
Java, SpringBoot, Maven, JDBC, MySQL, PostgreSQL, RESTful APIs, Node.js

Frontend
JavaScript, TypeScript, React, HTML, CSS

Other
Azure (AZ 900 certification), Kafka, Docker, Git/GitHub, Linux, Go Templates, shell scripting, agile, MATLAB, R/RStudio.