

# Johan Sjöblom

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## Experience

### **NAV, Norway – [GitHub](#)**

Architect, Lead software engineer

2019 May – Ongoing

Architect of a Kafka microservice system for handling social security applications. The system is deemed “critical to society”, and has high demands on fault tolerance, reliability, and robustness. The systems are cloud native.

*Kotlin, Java, Spring Framework, Kafka Streams, Google Cloud Platform, Kubernetes, Docker, Grafana, Kibana.*

### **PayEx, Norway**

Architect, Lead software engineer

2017 September – 2018 July

Architect and main developer of a series of Java microservices for payments processing. Designed and built a system to verify and detect promo code integrity.

*Java, Spring Framework, REST, Oracle, Docker, Hibernate, Velocity, SonarQube, Elasticsearch, Caffeine Cache, Grafana, Prometheus, ActiveMQ.*

### **Difi, Norway**

Infrastructure software engineer

2018 August – 2019 March

Worked on the docker setup, application security, graph database, logging flow, server configuration, Elasticsearch and code quality analysis.

*Java, Spring Framework, Docker, Kibana, ActiveMQ, Sparql, Nginx, Kong, Fluentd, SonarQube, Elasticsearch.*

### **Volvo Group Telematics, Sweden**

Lead software engineer

2015 April – 2017 August

Lead responsible for a Java backend micro-service telematics system running in the cloud as well as front-end developer for a fleet management portal.

*Java, Python, Spring Boot, AWS, Docker, Kibana, AMQ, WMQ, Grafana, InfluxDB, React, Redux, Babel, react-router, JBoss, AMQ, WMQ, JAXB, Liquibase, Oracle.*

## Education

Master of Science, Computer Science, Chalmers University of Technology – 2015

## Programming Languages

Java	Expert
Kotlin	Expert
Javascript	Very good
Bash	Very good
Tcl/Tk	Very good
C/C++	Very good
Haskell	Good
Python	Good
SQL	Good

## Additional Technologies

Spring Framework / Spring Boot  
Kafka / Kafka Streams  
Micro services / Cloud  
d3.js  
JBoss / WildFly  
git / svn  
Maven / Gradle  
Github Actions / Jenkins  
JUnit / Mockito / Wiremock / pitest

## Selected Projects

### OpenAPI – [GitHub](#)

Open source contributor  
2022 January – Ongoing

OpenAPI Generator allows generation of API client libraries, server stubs, documentation and configuration from a specification file. It is widely used in numerous projects and organisations all over the world. Johan made a substantial contribution to the Kotlin code, where he introduced support for a different annotation library (swagger2) and documentation provider (springdoc), in addition to the ones already present. This was an addition asked for by many users. Johan also made various bug fixes to the Kotlin code.

*Kotlin, Mustache, Springfox, Springdoc, Swagger, Spring, okhttp, Maven, Gradle*

### Incunable – [GitHub](#)

Lead developer  
2021 August – Ongoing

Incunable is a templating engine, which operates on Markdown documents and turns them into web pages or typesetting documents. The focus is on the user experience, where as little repetition as possible is required from the user.

*Python, awk, bash, html*

### Viewnior – [Website](#)

Open source contributor  
2015 April – 2017 August

Viewnior is a popular lightweight image viewer. Johan added various small improvements, and made a major contribution with adding monitoring of updates of the file system and allowing recursive opening of folders.

*C, GTK*