Jesper Falkenby

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EDUCATION

Uppsala University
Master of Science in Computer Science
Uppsala, Sweden
Aug. 2014 – June 2017

Seoul's National University
Master of Science in Computer Science
Seoul, South Korea
Aug. 2015 – Dec. 2015

Blekinge Institute of Technology
Bachelor of Science in Computer Science
Karlskrona, Sweden
Aug. 2011 – June 2014

EXPERIENCE

Kambi
Full-Stack Developer
Uppsala, Sweden
Nov 2019 - Present

- **Overview**: My journey at Kambi has involved a wide variety of teams and projects. It started with pure front-end development, but soon evolved into full-stack with plenty of DevOps. I've written lots of JavaScript and TypeScript for both front-end and back-end applications. Java and some Kotlin as well.
- **DevOps**: I have lead the DevOps work done for most of the projects that I have been part of. Notable technologies include Terraform, AWS CDK, Kubernetes, Grafana, ArgoCD, and various AWS products.
- **Betting Client**: I have worked on various web applications and tools surrounding the betting client Kambi sells to its many customers, such as a feature toggling tool and a CMS that is used to adjust the behavior and look of the web client. Other examples include a release tool teams use to release different components for the betting client, automated performance testing from different regions around the world, and more.
- **Shape**: I have worked on a prototype of a new client configuration system, that unifies customers of Kambi and Shape Games (a subsidiary of Kambi), and various proof-of-concept applications written in TypeScript.

Retriever
Systems Developer
Stockholm, Sweden
2017 - 2018

- **Transportstyrelsen**: Developed a vehicle information service for their customer web portal. Vehicle data was fetched from Transportstyrelsen, Java back-end, and front-end in React and Redux.
- **Skatteverket**: Developed a web service in Java that automatically fetches concern data from Retriever's own database, formats it, and sends it to one of Skatteverket's servers.
- **Signals**: Developed, in a team of three, a complete ecosystem of services that fetches articles and company data from various Swedish sources, such as news articles and TV/radio programs. The front-end was written from scratch mainly in React, and customers would use the service to monitor different signals (such as keywords) from various sources.

King
Master's Thesis
Stockholm, Sweden
2016 - 2017

- **Debugging tool**: Developed a prototype of a debugging tool for a real-time, clustered, data stream processing system using Java back-end, JavaScript front-end. Other frameworks used were Apache Kafka, Apache Flink and RocksDB.

Nasdaq
Front-End Developer (Internship)
Stockholm, Sweden
2015

- **Spring Framework**: Developed one of their front-end systems in Java using the Spring Framework.

Ericsson
Software Developer (Internship)
Karlskrona, Sweden
2014

- **Sizing tool**: Worked on prototyping a sizing tool used for efficient server hardware planning. Used Java, JavaScript and Vaadin Framework.

SKILLS

- **Languages**: JavaScript, TypeScript, HTML/CSS, SQL, Java, Kotlin, C/C++, C#, Python

- **Technologies**: React, Node.js, Next.js, Express.js, Webpack, Redux, AWS, AWS CDK, Terraform, ArgoCD, PostgreSQL, Grafana, Spring Boot