Jesper Falkenby

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EDUCATION

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

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

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

EXPERIENCE

- **Kambi** — Uppsala, Sweden
  Full-Stack Developer — *Nov 2019 - Present*
  - **Overview**: My journey at Kambi has involved a wide variety of teams and projects. It started with front-end development, but soon evolved into full-stack with lots of DevOps. I have written JavaScript and TypeScript code for both front-end and back-end systems. Java and Kotlin development as well.
  - **DevOps**: I have played a key role in DevOps work done for the projects I have been involved with. Notable technologies are Terraform, AWS CDK, Kubernetes, Grafana, ArgoCD, and various AWS products.
  - **Betting Client**: I have worked on various web applications and tools for the betting client that Kambi sells to many different customers, such as a feature toggling tool and a CMS that is used to adjust the behavior and looks of the client. Other examples include a release tool teams use to release different components of the client ecosystem, automated performance testing in different regions of the world, and more.
  - **Shape Games**: I have worked on a prototype of a new client configuration system that unifies Kambi and Shape Games customers, and various proof-of-concept applications written in TypeScript.

- **Retriever** — Stockholm, Sweden
  Systems Developer — *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** — Stockholm, Sweden
  Master's Thesis — *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** — Stockholm, Sweden
  Front-End Developer (Internship) — *2015*
  - **Spring Framework**: Developed one of their front-end systems in Java using the Spring Framework.

- **Ericsson** — Karlskrona, Sweden
  Software Developer (Internship) — *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