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**: I have been part of a wide variety of projects. I have been doing lots of DevOps work with AWS, AWS CDK and Terraform, front-end work in JavaScript and TypeScript, back-end work in Java and Kotlin, as well as Node.js.
  - **Betting Client**: I have worked with the infrastructure and tools surrounding the betting client. The client is sold to many different customers of Kambi (called operators) and it is served to millions of users around the globe on a daily basis.

- **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.

PROGRAMMING SKILLS

- **Languages**: JavaScript, TypeScript, HTML5, 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