Viktor Holmberg

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Profile

Full stack developer with a backend focus. I like to get involved in all parts of development to understand the big picture, from the frontend to the database.

As a programmer I produce simple and clear code, and when needed I'm not afraid to refactor my way there. I believe in choosing the right tool for the job, and love to learn new tools and technologies.

My ideal work environment is open, collaborative and challenging.

Education

KTH Royal Institute of Technology   **Stockholm**
Masters degree in Computer Science   *5 yr*
Masters track focus on machine learning and information retrieval

University of Texas at Austin
Exchange studies   *6 mo*

Experience

uSwitch   **London**
Back-end developer   *4 mo*
- Development on backoffice backend systems
  - *Clojure, Mysql*
- Front-end development on backoffice apps
  - *Clojure, Ruby, Javascript*
- Ops work keeping microservices working with up to date tooling
  - *AWS, Docker, ELK*

Depop   **London**
Full stack developer   *5 mo*
- Back-end development on highly concurrent payment system
  - *Scala, Mysql*
- Front-end development on backoffice tool for support team
  - *Angular, Bootstrap*

Videoplaza   **Stockholm**
Full stack developer   *18 mo*
- Full-stack development on simulation-based ad inventory forecasting system;
  - Enabled my team to do fully autonomous releases by separating our backend codebase into its own repository.
  - Increased platform stability and team autonomy by separating the forecasting API into its own microservice.
  - *Java, Javascript, Cassandra, Redis, RabbitMQ*

Videoplaza   **Stockholm**

Full stack developer   *18 mo*

○ Backend development on ad server:
  - Designed and implementing customer-friendly REST apis w. dynamic documentation using swagger.
  - *Java, Scala, MySQL*
○ Ops / CI work:
  - Developed a solution for releasing the main legacy monolith without downtime.
  - Moved forecasting system deployment from fabric scripts to ansible, enabling one-click, zero-downtime release for all forecasting microservices in both production and test environments.
  - Reduced ad server build time from >1 hr to <20 mins in one days work.
  - *Haproxy, Ansible, Maven, Gradle, Jenkins*

Findwise   **Stockholm**

Master thesis   *6 mo*

Master thesis work developing an automated expert recommendation system, capable of inferring expertise of employees from data in a corporate internal network. Read it **here**

○ *java, python, mongoDB, Solr*

Spotify   **Stockholm**

Test automation developer   *1 yr (part time)*

Development of graph-based test automation tools and automated tests for backend payment systems.

○ *python, java*

Languages

Java: Main language for my work at Videoplaza. Includes frameworks and tools like maven, gradle, jax-rs, dropwizard, hibernate etc.

Javascript: Front-end development for Videoplaza and Depop. Includes tools and frameworks like angular, node, grunt, bower etc.

Python: Main language for my work at Spotify

Scala: Main language at Depop, various small projects at Videoplaza

Go, Elixir: Favourite hobby languages at the moment

Objective-C: Developed the iPhone app Handla!, a shopping list for persons with cognitive disorders as a school project.

NoSQL: Used **Cassandra** as the main data store for the Videoplaza ad forecasting. The same system used **Redis** to store short-lived API objects. At Findwise I made plugins for a document processing system based on **MongoDB.**

RDBMS: **MySQL** at Videoplaza and Spotify. Various others like PostgreSQL or SQLite in school and in personal projects.