

# Viktor Holmberg

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## Profile

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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

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### KTH Royal Institute of Technology

*Masters degree in Computer Science*

Masters track focus on machine learning and information retrieval

Stockholm

5 yr

### University of Texas at Austin

*Exchange studies*

6 mo

## Experience

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### Depop

*Full stack developer*

London

5 mo

- Back-end development on highly concurrent actor based system
  - *Scala, Mysql*
- Front-end development on backoffice tool for support team
  - *Angular, Bootstrap*

### Videoplaza

*Full stack developer*

Stockholm

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*
- Backend development on ad server:
  - Designed and implementing customer-friendly REST apis w. dynamic documentation using swagger.
  - *Java, Scala, MySQL*
- Devops / 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

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**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.