

# Tatsuya Oiwa

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## Summary

Software engineer with 7+ years of hands-on experience in server-side, large-scale, distributed systems design and development. Currently working on building and maintaining Japan's largest fashion flash sale site, handling thousands of requests in a very short amount of time every day.

Github: [tatsuyaoiw](#) Blog: [tatsuyaoiw.com](http://tatsuyaoiw.com).

## Skills

- ▶ Java 8, JavaScript (Node.js), Python and Ruby
- ▶ Service Oriented Architecture, Microservices, RESTful API, Information Retrieval
- ▶ Automated deployment and cluster coordination
- ▶ Linux (CentOS, Ubuntu) and macOS
- ▶ Fluent in Japanese, proficient in English (speaking, reading, writing)

## Experience

### **Software Engineer, Gilt Group K.K.; Tokyo, Japan – June 2016 - Present**

- ▶ Develop and maintain 10+ microservices style components in Java 8, built with Jetty, Jersey, Jackson, Guice, Guava, MyBatis, Lombok, etc.
- ▶ Design and implement Gilt's main product search feature using Elasticsearch.
- ▶ Monitor and find performance bottlenecks using NewRelic and fix them by applying various optimization techniques including parallelization, caching and SQL tuning.

### **Software Engineer, Rakuten, Inc.; Tokyo, Japan – April 2010 - June 2016**

- ▶ Worked on building in-house, self-service, large-scale, distributed search platform for Japan's largest online shopping mall.
- ▶ Designed and developed administration API and CLI in Java 7 to create and configure search engine components.

## Publications

ElasticSearch Server Japanese Edition, co-edited with Jun Otani, Genta Kaneyama, Yusuke Mito and Junnosuke Moriya. ASCII Media Works, March 2014.

## Education

Shizuoka University – Bachelor of Science, Informatics, 2006-2010