

Tatsuya Oiwa

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Summary

Full-stack developer with 5+ years of experience in software design, development, and delivery. Currently work on dev-ops for large-scale distributed search systems and responsible for deployment automation of various middleware components including Solr and Nginx by utilising open source configuration management tools such as Zookeeper and Chef. Programming in Java and Node.js for back-end, and in JavaScript for front-end. Github: [tatsuyaoiw](#) Blog: [tatsuyaoiw.com](#).

Skills

- ▶ Web Application: Java, Node.js (Express, Mocha), JavaScript (jQuery, Angular), Ruby (Chef)
- ▶ Middleware: Lucene/Solr/ElasticSearch, Nginx, Zookeeper
- ▶ Operating System: Linux (CentOS, Ubuntu)
- ▶ Software Development: Object-Oriented Design, RESTful API Design
- ▶ Language: Fluent in Japanese, proficient in English (speaking, reading, writing)

Experience

Software Engineer, Rakuten, Inc.; Tokyo, Japan – January 2012 - Present

- ▶ Plan and implement automated deployment system in Java for distributed search engine dealing with over 200M documents running on 1K nodes (Solr, Nginx, Cassandra, Hadoop) by utilising open source configuration management tools (Zookeeper, Chef).
- ▶ Design and develop web-based A/B testing tool in JavaScript (Node.js, Express, Angular) for search relevancy evaluation, analysis and tuning.

iOS Developer, Rakuten, Inc.; San Francisco, CA – September 2012 - November 2012

- ▶ Implemented native iOS client application for online banking system.

System Administrator, Rakuten, Inc.; Tokyo, Japan – April 2010 - August 2012

- ▶ Deployed, configured and maintained large scale search platform built with FAST ESP.

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