

Thomas Kujala

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+ TECHNICAL SKILLS

- Search and Analytics: Elasticsearch, Logstash, Kibana, Apache Flume, Splunk
- Languages: Java, JavaScript, Perl, Bash, C#, SQL, HTML, CSS
 - Working knowledge: Python, Ruby, Batch, VBScript
- Frameworks: Express, Sails.js, AngularJS, ASP.NET MVC
- Tools: Git, WebStorm, IntelliJ, Eclipse, Visual Studio, GitLab, GitHub, Perforce
- Other: Puppet, Axway SecureTransport, Microsoft SQL Server, Windows, Linux, OS X

+ EXPERIENCE

FactSet Research Systems, Inc

Jun 2009 – Present

Lead Software Engineer (Aug 2015 – Present), Lead Systems Engineer (Apr 2014 – Aug 2015)

- Manage a scrum-based team of developers responsible for the company-wide centralized logging system currently focusing on analytics and self-service tooling using AngularJS, Node.js, and Elasticsearch.
- Architect the next iteration of the log ingestion pipeline with data enrichment, increased throughput and reliability in mind based on the Elastic Beats platform, Logstash and Apache Kafka.
- Lead an effort to standardize application logging practices that will reduce the risk of client-facing outages by establishing best practices, designing and developing language-specific logging libraries.
- Doubled the size of the central logging system over the last year, including data stored, queries run, and monthly active users, while maintaining sub-second ad-hoc log search time.
- Presented case studies on the centralized logging system to the engineering department highlighting the technologies used, successes and challenges.

Senior Systems Engineer (Oct 2012 – Apr 2014)

- Lead a cross-departmental project to architect a distributed, highly scalable and reliable centralized logging system from the ground up that drives product usage metrics and provides real-time troubleshooting.
- Built a high performance log collection system using Java based on Apache Flume with added HTTP input support using Netty and reliable, cross-platform file tailing functionality using Apache Commons IO.
- Implemented a distributed storage, search and analytics platform on top of Elasticsearch with an interactive analytics web application and a RESTful API for programmatic access.
- Trained engineers and end users on how to gain knowledge and insight from the central logging system.

Systems Engineer (Jun 2009 – Oct 2012)

- Helped design, customize, test and implement a new file transfer system using Axway SecureTransport that increased scalability and reliability for mission critical data integration processes.
- Created full-stack web applications and services to monitor the client data integration process.
- Designed and automated Extract, Transform, Load processes from client accounting systems into FactSet.
- Interfaced directly with clients to implement, test, and troubleshoot data integration procedures.

+ EDUCATION

B.S. Computer Science

Rensselaer Polytechnic Institute

May 2009

- Summa Cum Laude, Order of Omega, Upsilon Pi Epsilon

+ ABOUT ME

I'm an amateur carpenter, disc golf player, and Lambda Chi Alpha brother from South Boston. When I'm not writing code, you can find me at a Red Sox game, snowboarding, or hanging out with friends.