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Top Skills

Hosting Services
SaaS
Java

Languages

English (Professional Working)
Russian (Native or Bilingual)

Certifications

Machine Learning
Big Data Analysis with Scala and Spark
Functional Programming Principles in Scala
Principles of Reactive Programming
Теория игр (Game Theory)

Alex Savin

Senior Software Developer at Yandex.Classifieds
Saint Petersburg, Russian Federation

Summary

More than 10 years of experience at software development: started from DevOps role to team leader at Yandex. I joined Yandex.Classifieds infrastructure at 2011, my core points there: Scala/Java development, highload architectures, distributed systems for big data/stream processing (Hadoop/Kafka/Spark), search and near topics. I like to build high-quality systems according to The Reactive Manifesto and invest in coaching others to made wonderful things together.

Experience

Yandex.Classifieds
Senior Software Developer
November 2015 - Present
Saint Petersburg, Russian Federation

I lead group of developers with designing, developing and support backend for quality and commercial platforms, deal with software tasks at infrastructure team of vertical searches business unit. Prefer reactive programming patterns and Scala/Akka/Spray technology stack.

Yandex
Software Developer
April 2011 - December 2015 (4 years 9 months)
Saint Petersburg, Russian Federation

Developing Java, Scala services for vertical search on car ads, vacancies and realty offers. In details: 2-4 mln entities depends on service, >1000 partner feeds, fault-tolerant ETL (extract, transform, load) process include feed downloading, data sharding, unification, clusterization, index building, index update on 64 search machines. Hadoop/HBase for statistical tasks, MySQL for analytics. Team share tasks on services for the best replaceability. Figures: full index update over 15 min, fast search 4000rps 99.9% < 50ms, detailed search 500rps 99% < 500ms. Technologies: Scala/Akka/Spray, Lucene, Cassandra, HBase, MySQL.

Favor-IT

DevOps

April 2008 - April 2011 (3 years 1 month)

Developing, managing and deploying software for water analysis. Full process from workspace organization to production release: infrastructure tasks (VCS/IDE, CI, fault-tolerant network, phone support system, monitoring), hardware selection and installation (common/blade servers, RAID, SuSE linux, network), software development (Java EE, EJB, Servlets, JSP), deploy (self-developed system), product support. Lead (include hiring) personnel of infrastructure group (2 people max).

Technologies: Linux, Java EE, Tomcat, PostgreSQL, Ant.

Favor-IT

System Engineer

March 2006 - March 2008 (2 years 1 month)

Managing server farm for the SaaS solution (water analysis). Figures: 2 data centers, >60 machines, >20 services (10-100 users each), SuSE Linux, RAID, fault-tolerant network. Manage emergency switch to slave services or backups (1h outage max).

BizHost

System Engineer

July 2005 - December 2005 (6 months)

Web hosting, mail hosting. FreeBSD-based virtual hosting with self-developed panel (PHP, MySQL), dedicated hosting. Figures: >10000 sites, 10 machines.

QuoVadis Internet Cafe

Administrator

June 2003 - June 2005 (2 years 1 month)

One of the first Internet cafes at Saint Petersburg. Speaking with clients, solve problems, printing.

Education

Saint Petersburg State Polytechnical University

Master of Science, Computer Science · (2005 - 2006)

Saint Petersburg State Polytechnical University

Bachelor's degree, Computer Science · (1999 - 2004)