

Alex Savin

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Summary

I had started as desk helper at Internet-cafe, spoke with clients, had worked at nights, was studying. After that, I was involved to the hosting industry, where learned more about system administration. Wrote work with name "Testing graphical applications" as finish step of my grade. Further, I joined small team of Java developers and configurators at company that developed SaaS solution for Vodokanal (water supply system on Saint Petersburg). There I grew up by steps: system engineer, head engineer/developer (Java), CTO. In 2011 Yandex, the largest Russian search engine, hunted me. There I work for nowadays as developer with responsibility for various parts of the vertical search services, such as Yandex.Auto, Yandex.Rabota, Yandex.Realty more or less on Java, Scala/Akka, C++ code base.

Administrator, tester, developer, and (my opinion) a little bit manager - nice set.

Experience

Developer at Yandex

April 2011 - Present (4 years 2 months) 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 (4 DC). 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, Hadoop/HBase, MySQL.

CTO at Favor-IT

April 2008 - April 2011 (3 years 1 month) Developing, managing and deploying software for water analysis. Full management 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), products support. Lead (include hiring) personnel of infrastructure group (2 people max).

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

System Engineer at Favor-IT

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).

System Engineer at BizHost

July 2005 - December 2005 (6 months) Web hosting, mail hosting. FreeBSB-based virtual hosting with self-developed panel (PHP, MySQL), dedicated hosting. Figures: >10000 sites, 10 machines.

Administrator at QuoVadis Internet Cafe

June 2003 - June 2005 (2 years 1 month) One of the first Internet cafe at Saint Petersburg. Speaking with clients, solve problems, printing.

Certifications

Machine Learning

Coursera December 2013

Functional Programming Principles in Scala

Coursera December 2014

Projects

Yandex.Rabota

April 2011 to Present, Russia's largest vertical job search engine aggregator, 0.5mln uniq visitors/day. Tasks: rewriting all components include query parsing, storage, cloud base search integration, clusterization. Addition of review, salary statistics services. Tweak service to SLA limits (memory, network, caching).

Technologies: Java, MySQL, proprietary search server (C++).

Yandex.Auto

August 2013 to Present, Car ad offers aggregator. Tasks: commercial program integration, clusterization by pictures from ads, statistics tasks (HBase based).

Technologies: Java, Scala/Akka/Spray, MySQL, Oracle, HBase.

Yandex.Realty

January 2014 to Present, Realty offers aggregator. Tasks: commercial program integration.

Technologies: Java, Scala/Akka/Spray, MySQL, Oracle, HBase.

Languages

Russian (native), English (Intermediate level)

Skills & Expertise

Hosting Services, SaaS, Java, Linux System Administration, Java Enterprise Edition, SQL, PostgreSQL, Search, Maven, Hadoop, Bash, Scala, Akka

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

Interests

Electronic music, Classic movies