

Vlad Skvortsov

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Feb 2009 — present: VP of Engineering, Jacknyfe Inc. dba Echo — Supervise and lead the Engineering organization of a SaaS company serving billions of API calls per month and operating 500+ UNIX hosts in production. Define technology strategy and oversee its execution, establish engineering processes and practices. Work in close collaboration with the product team to shape and prioritize deliverables of a number of cloud services.

- Improved availability of the SAAS from ~98% to 99.9+%
- Grown the organization from 10 to 35 people in 2 geographic locations
- Contributed to product design, system architecture and implementation (Erlang, Python, Cucumber, OAuth, Git) of the company's core cloud services
- Introduced teams to and coached on various agile practices (pair programming, TDD, Acceptance TDD, Kanban, specification workshops, production incident retrospectives, continuous delivery)
- Aligned Engineering and Operations organizations by establishing a process of shared goal setting, prioritization and progress tracking
- Co-authored Backplane Exchange and Identity Scenarios protocols (<http://backplanex.com/>)

Nov 2006 — Feb 2009: Technical Yahoo (Platform Engineering), Yahoo!, Inc. — Being a part of the FlexForce (aka Tiger Team) provide internal consulting services (architecture and implementation) to teams working on high-profile projects across the company.

- Contributed to research and implementation of the recommendation engine for Yahoo! Travel (C++, Perl, R)
- Contributed to migration of Yahoo! Answers property from PHP4 to PHP5 (PHP, C++, C)
- Performed instrumentation of an ad system middleware to hook up into the monitoring framework (C++, Perl)

Dec 2004 — Nov 2006: Sr. Software Engineer, Netli, Inc. — Design, implement and maintain core components of Application Delivery Network.

- Redesigned and reimplemented major parts of distributed configuration system achieving non-disruptive updates (C)
- Achieved 10x throughput improvement of a distributed billing system (C, Perl)
- Planned and executed company-wide migration from CVS to Subversion

Nov 2002 – Nov 2006, Oct 1998 – Aug 2001: System Administrator/Software Engineer, UISTU NOC — Install, configure and operate network equipment, software and related infrastructure. Provide technical support to users. Customize or build in-house software to support NOC needs.

- Developed banner rotation system for the university Intranet (C, Perl)
- Modified Postfix mail transfer agent to support virtual domains, mail boxes quoting, accounting and integrate with home-grown directory system (C)
- Set up and operated infrastructure to support the full range of typical ISV operations: DNS, email, web, dialup, proxy etc (FreeBSD, Solaris, Postfix, Sendmail, Apache, Squid, shell, Perl, C)

Sep 2001 — Nov 2002: Sr. Software Engineer, Ulyanovsk-GSM, JSC — Set up, configure and operate UNIX-based infrastructure of the company. Develop and maintain software for integration with third parties.

- Implemented an SMPP client to achieve a 10x message throughput over the vendor library (C)
- Developed a middleware solution to integrate with third-party content providers (C)

Side projects

- DITrack (2007-2008) — open-source distributed issue tracking system (<http://ditrack.org>) — founder, lead (Python)
- SnapCat (2002-2007) — information retrieval engine — lead engineer (C, Perl, Python, Haskell)
- WadcomBlog (2007-2008) — open-source static blog engine — author (Python)

MS Computer Science, Ulyanovsk State Technical University, Ulyanovsk, Russia, 2002

1st place in Ulyanovsk region (Russia) programming contest in 1998.