

# Résumé

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Feb 13, 2005

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## 1 Skills

### 1.1 Programming languages and development software

Proficiency in C, C++ (incl. STL), PHP, Python, Perl, SQL. TCP/IP networking, POSIX threads, regular expressions, GTK2 GUI toolkit.

Scripting with `bash`, `awk`, `sed` etc. Knowledge of `make`, `autoconf`, `automake` and `libtool`. RPM packaging (`.spec` writing). Using CVS, Perforce, Vim, GCC, GDB, Bugzilla as major developer tools.

Past experience in Basic, MUMPS (DIAMS), Pascal, ix86 assembler.

### 1.2 Documenting

Writing project and user documentation in HTML, `linuxdoc-sgml`, `*roff` (man), perl POD formats. Web site design (HTML/CSS, graphics, scripting, databases).

### 1.3 Operating systems

10+ years of Linux experience. Granted with LPI<sup>1</sup> level 1 and 2 certificates. SunOS/Solaris experience.

Past experience in DOS, Windows 3.x/9x/NT, OS/2, Cisco IOS, HP-UX, SCO UNIX, DEC Unix, FreeBSD.

### 1.4 Other software

MySQL, Oracle, Apache, Perforce, Tibco, sendmail, qmail, exim, iptables, tcpdump, GIMP, gnuplot, rrdtool.

### 1.5 English

Fluent spoken English. Good experience in writing manuals, English-to-Russian software localization. Had English courses in 1993-1995 and 2004-2005. Had language training in Edinburgh, UK (2004, for 2 weeks), Calgary, Canada (1995, for 3 weeks) and London, UK (1994, for 2 weeks). Granted with certificates.

<sup>1</sup><http://www.lpi.org/>

## 2 Experience

### 2.1 Application Manager, Deutsche Bank, Moscow

*May 2004 to present*

- Second level support for Fixed Income Trading London/Frankfurt
- Responsible for monitoring and high availability of server-side trading software and infrastructure (50+ Solaris/Linux servers and hundreds of applications)
- Coordinating activities between different groups/people over the phone
- Maintaining Perforce server
- Managing Tibco network infrastructure
- Performing server-side trading software deployments
- Developing scripts and utilities for deployment, maintenance and monitoring (in shell and Perl)
- Designed and implemented advanced log file monitoring system which drastically reduced the number of false alerts
- Developed permission change audit system for Perforce
- Gained basic financial knowledge, esp. in fixed income sector

### 2.2 Software Engineer, SWsoft, Moscow

*November 2000 to May 2004*

- Developing ASPseek<sup>2</sup> search engine – leading, programming, packaging, documenting, releasing, users support, web site design and content
- Developing Virtuozzo<sup>3</sup> kernel interface utility `vzctl`
- Writing documentation (internal project docs, manual pages)
- Leading and managing Virtuozzo (Linux kernel) testing/QA team (up to 6 persons)
- Redesigned Virtuozzo test suite infrastructure; made test results predictable and reproducible
- Leading template development/building team; packaging Linux distributions and applications for Virtuozzo/HSPComplete
- Redesigned Virtuozzo template subsystem

<sup>2</sup><http://www.aspseek.org/>

<sup>3</sup><http://www.virtuozzo.com/>

### 2.3 Network Engineer, Severgazprom, Ukhta

*September 1998 to October 2000*

- Maintaining the LAN consisting of about 650 PCs and WAN consisting of about 11000 PCs
- User support and troubleshooting of network-oriented problems
- Linux servers, Motorola, HP, Cisco routers and switches installation, configuration, maintenance
- Monitoring/managing WAN using HP OpenView
- Taking part in developing specifications for the new network equipment
- Raised the network performance by about 10 to 15 per cent by physically optimizing the network topology and reducing network broadcasts by factor of two

### 2.4 Technical Manager, Severtelcom, Ukhta

*July 1997 to September 1998*

- Administering HP-UX server, Cisco routers, Windows and Linux PCs
- Configuration and maintenance of web, mail and proxy servers
- Webmastering – HTML, PHP3, graphics

### 2.5 Computer Engineer, Kombineft, Ukhta

*October 1994 to July 1997*

- Administration of SCO UNIX, HP-UX, Novell Netware and Linux servers
- Developing an enterprise information system
- Delivering technical support and troubleshooting for users

## 3 Education

### 3.1 Russian State University of Oil and Gas, Moscow

*October 1997 to December 2000*

- Taking the post-graduate courses in CS

### 3.2 Ukhta Industrial Institute (Technical University)

*September 1992 to June 1997*

- High degree in CS (GPA 4.0 of 4.0); defended diploma with excellence
- Special course in network and Internet/intranet technologies