**Roman Komkov**

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<http://komkov.co>

Prague, Czech Republic

**SUMMARY**

* Experienced System Engineer, specializing in distributed, high-availability and high-load solutions on various Linux platforms
* Adept at DevOps practice with the focus on building automated processes for software testing, delivery and environment deployments; able to work closely with the developers, solving complex cross-departmental problems

**SKILLS AND COMPETENCES**

* Linux system administration (RedHat/CentOS, Debian/Ubuntu)
* Computer networks (OSI model, TCP/IP stack)
* Infrastructure planning
* Monitoring systems (Nagios, Icinga2, custom checks)
* Release management (Jenkins)
* Programming (Python, Bash)
* Configuration management and infrastructure automation (Ansible)
* Software and infrastructure testing
* VCS principles (Git)
* Software distribution (RPM, Docker)
* Databases (Apache Cassandra, MongoDB, MySQL/MariaDB, PostgreSQL)
* KVM virtualization, Vagrant
* Nginx, Apache, HAProxy, RabbitMQ

**WORK EXPERIENCE**

**System Engineer August 2013 – present**

**Glogster (Prague, Czech Republic)**

Responsible for the high-loaded infrastructure containing more than 100 high-loaded nodes, software delivery and release management, testing of new technologies and looking ways of how they can improve company’s processes.

Accomplishments:

* Integration of the Continuous Integration and Delivery processes, which allows to increase daily release count up to 10, delivering more reliable software with lower probability of downtimes and errors
* Infrastructure containerization with Docker, which helps to extend technology stack, solving problems with dependencies and scalability; also it speeds up creation and deployment of the new environments and improves the quality of software testing processes
* Implementing infrastructure in code with Ansible configuration management tool, which provides a solid disaster recovery, makes infrastructure consistent, more transparent and documented: thus, provisioning of new nodes becomes faster and automated

**Department Assistant November 2011 – August 2013**

**Czech Technical University in Prague (Kladno, Czech Republic)**

Responsible for a part of department’s infrastructure, software development, information systems design, students teaching and mentoring.

Accomplishments:

* Development, prototyping and design of various information systems and services (grants of Czech Ministry of Health and CTU) with Python and Flask framework, MongoDB and MySQL databases
* Design of the course “Information Technologies in Healthcare”

**System Analyst January 2010 – June 2010**

**National Settlement Depository (Moscow, Russia)**

* Development of a system of scripts to humanize SQL queries (Python, pyparsing, tk)
* Analysis of the company's ERP system (architecture, SQL queries)
* Reports writing

**EDUCATION**

**Engineer’s degree 2006 – 2011**

**Moscow State Institute of Electronics and Mathematics (Technical University)**

Computer Systems, Networking and Telecommunications program

Main projects:

* Ipatbles firewall log analyzer, based on Naive Bayes classifier
* Network load monitor, based on the SNMP protocol

**LANGUAGES**

Russian – native proficiency (C2)

Czech – full professional proficiency (C1)

English – professional working proficiency (B2)

German – elementary proficiency (A2)