

Alexander Tarasov

Limassol, Cyprus. Ready to relocate

Website oioki.ru

Email oioki@yandex.com

Skype oioki.ru

Summary

IT specialist with over 10 years experience in Linux system administration. Capable of building complex distributed IT systems. Interested in highload, DevOps methodologies and information security. Life-long learner.

Passionate about football, cycling and traveling. Marathon runner.

Married with one child. Cat owner.

Certifications

February 2018 [AWS Certified Solutions Architect – Associate](#)

February 2018 IELTS Overall 7.5, Listening 8.0, Reading 9.0, Writing 7.0, Speaking 6.5
TRF number 17CY003673TARA006G

October 2015 [ITIL Foundation in IT Service Management](#), candidate number 5487667

March 2013 [M102: MongoDB for DBAs](#)

December 2012 Implementing Cisco Voice Communications and QoS, certificate 92334

Professional experience

2015/2018 DevOps engineer (full-time), Wisebits group (Alexa TOP-1500 website)

- Close collaboration with web developers and QA engineers within Agile methodology
Git, Jira, weekly sprints
- Reliable website operation and troubleshooting
nginx, php-fpm, MySQL, Redis, ELK stack, RabbitMQ
- Configured and supported continuous integration / continuous delivery pipeline
Ansible, Bamboo, Fabric, Bash, Python
- Configured Amazon Web Services: **EC2, S3, Route53, RDS, VPC, ELB**
- Testing environments: **Docker, LXC, KVM, Selenium**
- Media streaming operations (up to 15 Gbps media streaming)
Wowza Streaming Engine, Web Call Server, nginx-rtmp, Icecast
- Developed custom media streaming components in **Python, C** languages
- Monitoring using **Zabbix, Grafana**
- Error reporting: **Sentry, Pinba, Percona Monitoring and Management**

2011/2015 Service administrator (full-time), Forex Club

- Administration of 50 branch gateways: **FreeBSD, pf, iptables**
- Automatic deployment system for those servers, using **Bash, Fabric, Python**
- Full support of VoIP operation, ~150.000 calls/month: **Asterisk, Cisco UCM**
- VoIP+CRM integration project for all sales branches: **Asterisk, CTI, Node.js**

- Centralized CDR and call recordings storage for branches: **CDR-Stats, Perl**
- Developed online call monitoring, CDR storage and effectiveness analytics system for sales department, which resulted in \$15000 saving for the company: **Cisco UCM, PHP**
- Services operation: VPN (**OpenVPN**), e-mail (**Exim, Dovecot, Roundcube**), backups (**Bacula**), monitoring (**Zabbix**)
- Offices network planning and support: **Cisco, Mikrotik, Alcatel**

2009/2011 Free-lancer

- Audio streaming: special events for AppleInsider.ru, up to 12K audio listeners
- Web developer: data grabbers, e-commerce, CRM: **Python, PHP, Smarty**
- System administrator: web servers, email servers, Jabber servers

2005/2009 System administrator (part-time), Altai State University

- University infrastructure operation — e-mail, DNS, VPN, Jabber
- University campus network — DHCP/AD administration, users support, Cisco

Education

2004/2009 Master in **Computer Science**, Altai State University (Russia)

diploma work: distributed computations based on BOINC (C++, Python, Bash)
 computer simulation for motion of electrically charged objects (C++)
 Python language interpreter (C++)

2011/... Online student, Coursera

Machine Learning, Stanford University
 Computing for Data Analysis, Johns Hopkins University

Job skills

Programming language: Python (most proficient)

Networking: TCP/IP stack, BGP, DNS, DHCP, Cisco network switches

Databases: MySQL, PostgreSQL, MongoDB, Redis, Memcached, Clickhouse

Containers and virtualization: Docker, LXC, KVM, Vagrant

Infrastructure orchestration: Ansible, Fabric

Messaging: Node.js, Jabber, Comet servers, RabbitMQ, Redis

VoIP: Asterisk, Cisco (UCM, VoIP gateways)

Contests and hackatons

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| October 2017 | Pentest Cyprus 3.0, Larnaka
Offline 3 hours CTF contest. 1 st place / 74 participants |
| August 2017 | Highload Cup by Mail.ru
Online 3 weeks hackaton. Final round. 39 th place / 433 participants |
| February 2017 | Google Hash Code
Online 3 hours. Team ranked #774 globally |