


Anton Riabov

DevOps Engineer/Site Reliability Engineer/Systems Engineer


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Bachelor's degree in Information Systems, Master's degree in System Analysis & Management, 10 years in system engineering, programming, and DevOps/SRE practices.

Experience

 **Lead Systems Engineer**
EPAM Systems, Amsterdam, Netherlands
April 2021 - present

- AWS, Github, Jenkins, Lambda, Step Functions, ECS Fargate, DynamoDB, S3, SQS, Terraform, CloudFormation, Python, Akamai, Jira

 **Lead Systems Engineer**
EPAM Systems, Minsk, Belarus
March 2020 - March 2021 (1 year)

- Created infrastructure from scratch as part of client migration to Cloud
- Created CI/CD pipeline from scratch with Github, CodeBuild, AWS SAM and custom Lambda functions
- Created infrastructure for Node.js applications that runs in AWS StepFunctions and ECS Fargate with DynamoDB as database and DAX for caching
- Designed and developed blueprint template to speedup development of new APIs (JavaScript/TypeScript)

- Made improvements in current infrastructure in collaboration with hybrid team
- AWS, Github, CodeBuild, Lambda, Step Functions, ECS Fargate, DynamoDB, DAX, S3, SQS, Terraform, Terragrunt, CloudFormation, JavaScript, TypeScript, Fastly, Jira, Confluence



System Engineer

OneTwoTrip, Moscow, Russia

March 2017 - March 2020 (3 years)

- Developed a "multi-mongod" approach for host many MongoDB replica sets on the same servers via Chef
- Automated on-demand bootstrap and destroying of testing stages in OpenStack cloud with Packer, Terraform, and Ruby scripting
- Launched "Bus" vertical with an initial team (2 back dev, 1 QA, 1 front dev, 1 SE, 3 months)
- Migrated several projects from external developers to OneTwoTrip infrastructure
- Supported (upgrading, improvements) Elastic Stack installation (up to 150 TB in a cluster)
- Kickedoff internal weekly experience exchange program with keynotes, streaming and discussing (Tech-talks)
- Improved and automated many Infrastructure points
- Chef, Ruby, Go, NodeJS, Ubuntu, Riak, MySQL, PostgreSQL, MongoDB, Redis, Docker, Kubernetes, Nginx, AWS, Bosun, Kibana, Grafana, ElasticSearch, Prometheus, Jenkins, Git (BitBucket и GitLab), Jira

System Administrator



Imhonet, Moscow, Russia

April 2015 - February 2017 (1 year 10 months)

- Supported production, test and development infrastructure

- Made the transition of Proxmox cluster from version 3x to 4x
- In cooperation with QA lead and system architect developed CI/CD system
- Implemented Blue-Green deployment based on Nginx
- Build ChatOps system
- Actively engaged in upgrading the Debian OS version from Wheezy to Jessie on Imhonet cluster.
- Ansible, Debian, Nginx, PHP, NodeJS, MySQL, Memcached, Redis, ElasticSearch, Gitlab, Jira



System Administrator

Rospartner, Dubna, Russia

October 2013 - April 2015 (1 year 7 months)

- Linux system administration RHEL/CentOS
- Supporting high load Moscow government project *.mos.ru
- Head of monitoring department with on-call rotation
- CentOS, Nginx, PHP, MySQL, Redmine

Network Engineer

CJSC VISM, Voronezh, Russia

February 2012 - July 2013 (1 year 6 months)

- Internet Service Provider network support
- Network equipment monitoring, Servers installation and maintenance. Linux, D-Link, Cisco

Education



International University of Nature, Society and Man "Dubna", Dubna, Russia

Master of System Analysis & Management

2013 - 2015



Voronezh State Technical University, Voronezh, Russia

Bachelor of Information Systems (Information Technology and
Computer Security)

2009 - 2013

Certifications

Google Cloud Certified Professional Cloud Architect

AWS Certified Solutions Architect – Professional

Skills

Desktop OS: MacOS, Windows

Server OS: Debian/Ubuntu, CentOS/RHEL

Clouds: Amazon (AWS), Google (GCP), Heroku, OpenStack

Web-servers: Nginx, Unicorn, Puma, PHP-FPM, HHVM, Tomcat, Express

Databases: MySQL/MariaDB, Elasticsearch, Redis, PostgreSQL, Riak

Virtualization: KVM, Docker, Kubernetes, Proxmox, OpenVZ, LXC, Vagrant, VMware

CI/CD: Go CD, Jenkins

Configuration Management: Ansible, Chef

Infrastructure as Code: Terraform, Terragrunt, Packer

Version control: Git (Github, Gitlab)

Coding: Bash, Ruby, Python, Go, JavaScript, HTML, CSS

Issue & Project Tracking: Jira, Redmine, Youtrack

Monitoring: Zabbix, Nagios, Prometheus, Grafana, Bosun, Elastic, Splunk

Methodology: DevOps, Agile/Scrum, ITIL

Networks: vpn, vlan, nat, dhcp, ipv4/6

Open Source

[QnA](#) - Question and answer service

[Flickr API wrapper](#) - Wrapper to work with Flickr API

[LEGDNS](#) - Service for getting certificates from LetsEncrypt through DNS

[Telegram Rank Bot](#) - Telegram bot for ranking (karma) in chat groups

[Telegram Password Bot](#) - Telegram bot for generating random passwords

[Offices Station](#) - Arduino firmware for CO2 station

[Hola API](#) - REST API written in Ruby for learning purpose

[Sneakers](#) - REST API written in Python for learning purpose

[Zabbix Nginx Stat Getter](#) - Nginx external check script for Zabbix

[Zabbix FCGI Stat Getter](#) - PHP-FPM external check script for Zabbix

[Sample app](#) - Microblogging social network

[Parser](#) - Price parser

[RoR matrix RU](#) - Interactive competency matrix for Ruby on Rails developer