

# Anton Riabov

Solution Architect/Engineering Leader

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I'm a Systems Engineer with more than 10 years of experience. I was working with On-Premise and Virtual servers, controlled infrastructure with Configuration Management, created various CI/CD pipelines and wrote automation in different languages. Currently, I'm creating Serverless applications in the Cloud with a Platform Engineer title. I have worked in domains such as Content, Travel, and E-commerce. I'm interested in Solutions Architecture and Engineering Leadership, as well as new domain areas.

## Experience



### Lead Systems Engineer

*EPAM Systems, Amsterdam, Netherlands*

April 2021 - present

- Work for one of the largest manufacturer and seller of athletic footwear, apparel, accessories, and services
- Design and develop production services for data exchanges with partners and API integrations
- AWS, Github, Jenkins, Lambda, Step Functions, ECS Fargate, DynamoDB, S3, SQS, EventBridge, Terraform, CloudFormation, Python, Akamai, Jira



### Lead Systems Engineer

*EPAM Systems, Minsk, Belarus*

March 2020 - March 2021 (1 year)

- Worked on E-commerce project

- 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

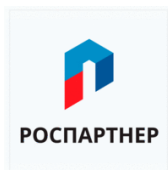


## **System Administrator**

*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