



Aleksei Tarasov

Contacts

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Github:

<https://github.com/coffeudev2k/>

Location:

Montenegro, Podgorica, GMT +1

Education

Saint Petersburg

Electrotechnical University 'LETI'

Master of optoelectronics | 2007

Grade point average - 4

Saint Petersburg

Electrotechnical University 'LETI'

Bachelor of optoelectronics |

2005

Grade point average - 4

High School | 2001

Grade point average - 5

Languages

English: B1

Russian: Native

Devops

Qoden Technologies LLC | May 2021 - Present

- Developed and deployed a monitoring system using Prometheus and Grafana for monitoring internal (service) infrastructure.
- Updated the Terraform codebase from version 0.11 to version 1.
- Reduced the build time of the company's main project from 40 to 5 minutes.
- Reduced AWS expenses for the staging environment by 60%.
- Reduced AWS expenses for the production environment by 20%.
- Implemented a system to track created resources in AWS, generating monthly reports on created and modified resources.
- Containerized internal company tools, eliminating the dependency on workstation configurations.
- Implemented a monitoring and notification system for instances reaching retirement in AWS working accounts.

Head of System Administrators

Game Forest | January 2015 - May 2021

- Implemented an Infrastructure as Code (IaC) system for deploying Hyper-V virtual machines using Packer.
- Implemented a free, unlimited distributed version control system, GitLab, for storing large monolithic repositories, integrated with corporate chat and various other services.
- Introduced a free, unlimited corporate OPSI system for managing applications (rapid deployment of pre-configured applications) and automatic installation of operating systems from scratch (quick deployment of office computers) on approximately 100 machines. Also conducted systematic automatic inventory of computers through this system, preserving the history and recording configuration differences.
- Implemented seamless WiFi for a 1000 sq. m. office.
- Procured equipment and organized the remote setup of offices from scratch for 15 employees.
- Established (interviewed, filtered, hired), trained, and configured the operations of a 4-person IT department.

Head of IT Department

Primorsky Opera and Ballet Theater | March 2013 - October 2014

- Setting up the entire IT system from scratch to full functionality and establishing a department of three people.

Certificates

[Amazon](#) | 2023
[AWS Certified Solutions Architect – Associate](#)

[Amazon](#) | 2023
[AWS Certified SysOps Administrator – Associate](#)

[Amazon](#) | 2023
[AWS Certified Cloud Practitioner](#)

[GitLab](#) | 2022
[GitLab Certified - Associate](#)

[HashiCorp](#) | 2020
[Terraform - Associate](#)

Courses

[Rebrain](#)
[Prometheus](#)

[Rebrain](#)
[PostgreSQL](#)

[Rebrain](#)
[Grafana](#)

[Rebrain](#)
[Nginx](#)

Lead system administrator LCC Astra-farm | January 2011 - February 2012

- Leading role in maintaining the operability of servers under Linux and Windows. Technologies: Linux, Debian, Windows Server Hyper-V, Veeam, RAID, Samba, Postfix, Zarafa, VoIP, Asterisk, Zabbix, OpenVPN, FreeBSD, Iptables, TCP/IP, Acronis, Mikrotik, Active Directory, MySQL, ESX-i, Openfire, MDAemon, GIT, Bash

System administrator LCC Astra-farm | June 2006 - January 2011

- Leading role in maintaining the functionality of servers running Linux and Windows.
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Internship

Intern Playrix | December 2020 - February 2021

- Recreating the architectural scheme of the company on a stand in the form of an architectural stack using Consul, Nomad, Vault (control plane - data plane), testing on Vagrant, creating images with Packer, provisioning the entire scheme using Ansible and Terraform, and reporting work - investigating the horizontal scaling scheme of TeamCity and the specifics of such scaling, preparing data for implementation in the company
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Skills

- Proficiency in writing automation scripts in Bash and Python.
- Experience with AWS cloud services, including EC2, Lambda, S3, DynamoDB, VPC, ECR, ECS, SNS, CloudFront, CloudWatch, EFS, RDS, IAM, Route 53, and SQS.
- Expertise in Infrastructure as Code (IaC) using Terraform and Ansible.
- Hands-on experience in Continuous Integration/Continuous Deployment (CI/CD) using Jenkins, GitLab CI, and TeamCity.
- Utilization of metrics and logs through Zabbix, Prometheus, Grafana, Elasticsearch, Telegraf, Timescale, Logstash, Kibana, and Fluentd.
- Proficient with HashiCorp's stack, including Nomad, Consul, Vault, Packer, and Vagrant.
- Limited experience with AWS Cloud Development Kit (CDK) and CDK for Terraform (CDKTF).