

# VITALII TUTKIEVYCH

## Expert DevOps Engineer

### SUMMARY

Software engineer with over 15 years in IT, specializing in DevOps methodologies and Linux systems. Expertise includes heavy use of configuration management tools such as Ansible and Terraform, containerization with Docker, Kubernetes and Docker Swarm, and CI/CD pipeline construction with Jenkins, Gitlab CI, and GitHub Actions. Proficient in cloud technologies, predominantly AWS, and capable of both maintaining large infrastructures and migrating services to the cloud. Accomplished in system monitoring using tools like Nagios, Prometheus, and Grafana. Holds a Master's degree and advanced networking education, with a history of building complex infrastructures and improving deployment processes in distributed team settings.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Linux (15 yr.), Ansible (5 yr.), Terraform (5 yr.), Bash (5 yr.), Docker (5 yr.)
<b>Programming Languages</b>	Python
<b>Data Analysis and Visualization Technologies</b>	Kibana
<b>Databases &amp; Management Systems / ORM</b>	MySQL, Redis
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, Harbor
<b>Deployment, CI/CD &amp; Administration</b>	Ansible (5 yr.), ArgoCD
<b>Scripting and Command Line Interfaces</b>	Bash (5 yr.), *nix Shell Scripts
<b>Virtualization, Containers and Orchestration</b>	Docker (5 yr.), Terraform (5 yr.)
<b>Message/Queue/Task Brokers</b>	Kafka, RabbitMQ
<b>Operating Systems</b>	Linux (15 yr.)
<b>Logging and Monitoring</b>	Logstash
<b>Mail / Network Protocols / Data transfer</b>	TCP/IP
<b>Other Technical Skills</b>	GlusterFS, HashiCorp Packer

## WORK EXPERIENCE

### Senior DevOps Engineer

**Duration:** 05.2023

**Summary:** Managing bare-metal Kubernetes and EKS clusters, Projecting AWS infrastructure (Terraform), Migration services from on-prem to AWS, Projecting and implementation of CI/CD strategies and pipelines (Jenkins), Securing infrastructure and databases with Vault

**Technologies:** Kubernetes, Terraform, AWS, Ansible, Jenkins, Hashicorp Vault

### Senior DevOps Engineer

**Duration:** 11.2021 - 05.2023

**Summary:** Building the entire DevOps process, Provisioning the infrastructure with Ansible, Building project i CD pipeline (Gitlab CI, GitHub Actions), Managing AWS EKS clusters

**Technologies:** AWS, Kubernetes, Terraform, Gitlab CI, GitHub Actions, Ansible

### Senior DevOps Engineer

**Duration:** 09.2020 - 11.2021

**Summary:** Managing AWS infrastructure with Terraform, managing pool of AWS EKS clusters, implementing Ceph.

**Responsibilities:** Infrastructure management, logging solution implementation, monitoring solutions deployment

**Technologies:** AWS, Terraform, EKS, EFK stack, Prometheus, Grafana, Rook/Ceph

### Senior DevOps Engineer

**Duration:** 05.2020 - 09.2020

**Summary:** Development and execution of the entire DevOps process, building complex infrastructure with Terraform, modifying CI/CD processes.

**Responsibilities:** DevOps process building and execution, infrastructure provisioning, service migration, CI/CD process creation and modification.

**Technologies:** Terraform, Ansible, Docker Swarm, AWS EKS, Jenkins

### Senior DevOps Engineer

**Duration:** 11.2017 - 05.2020

**Summary:** Developing and implementing CI/CD processes in a multibranch environment, dockerization and deployment using Docker Datacenter (Swarm) based stage environments.

**Responsibilities:** CI/CD process development and implementation, application dockerization and deployment, environment automation

**Technologies:** CI/CD, Docker, Kubernetes, Terraform, AWS



## DevOps Engineer

**Duration:** 08.2016 - 11.2017

**Summary:** Maintaining server farms, database clusterization and optimization, backup strategy development, CD process development, and application dockerization.

**Responsibilities:** Server farm maintenance, database management, backup strategies, environment configuration, CD automation.

**Technologies:** MySQL/Percona, Redis, ELK stack, CI/CD, Docker, Ansible

## Senior Network Engineer

**Duration:** 09.2013 - 08.2016

**Summary:** Configuring and maintaining ISP infrastructure, routing and security on networking equipment, su

**Responsibilities:** ISP infrastructure configuration, routing and QoS setup, Linux support services, monitoring

**Technologies:** Cisco, Juniper, BGP, OSPF, multicast, Nagios, Cacti, Linux

## Instructor, Head of Department, Network Engineer

**Duration:** 01.2008 - 01.2016

**Summary:** Networking technology education, preparing students for competitions, maintaining Enterprise E

**Responsibilities:** Education, student preparation, infrastructure maintenance, networking technology configu

**Technologies:** Cisco, IEEE LAN Technologies, TCP/IP, DHCP, DNS, FTP, Linux

## EDUCATION

- **Cisco Network Academy**
- Networking, Network Associate (CCNA)
- 2007 - 2008
- **Computer Academy "Step"**
- Computer science and networking, specialist
- 2005 - 2007
- **ODMA**
- Master degree
- 1989 - 1994

