

Nikolai Ostroukh

DevOps and Cloud Infrastructure Engineer

Contact:

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Top Skills:

Amazon Web Services (AWS),
Cloud Infrastructure Operations,
Terraform,
Kubernetes,
Ansible,
Git,
Jenkins,
Virtualization.

Languages:

English (Professional Working)
Norwegian (Limited Working)
Russian (Native or Bilingual)

Certifications:

AWS:

- IoT Foundation: Telemetry
- Introduction to AWS IoT 1-Click
- Introduction to AWS IoT

Yonsei University:

- TCP/IP course

Cisco:

CCNA (expired)

Skills:

Cloud Platforms:

AWS - AMI/EC2/ELB/RDS/VPC/IAM/ECS, Azure, Cloud Security and Networking.

Basic IT:

IT Infrastructure Operations, Network Engineering, IT Infrastructure Management, Information Security, Checkpoint Security, Integration, Troubleshooting, VMware, Infrastructure Management, Linux, Project Management, Hardware Engineering.

Experience:

1. VIASAT (RigNet AS)
Project Engineer
January 2023 - Present
 1. Deployment of configurations and updates on the network core and management system (communication part and capacity management systems – **Jenkins, Ansible, GitHub Actions**).
 2. Management of the cloud platform and network infrastructure (servers, **AMI, EC2, ELB, RDS, VPC, IAM management, VMs, Terraform, K8s, networks**).
 3. Management of the monitoring system (**CI/CD, pipelines, Grafana**) – telemetry and monitoring for several radio-bands.
 4. Automatization of regular operations for few teams (**scripts, GitHub Actions**).
 5. Act as 2st/3nd line Support.
2. HMM AS
Senior Engineer
April 2019 - December 2022
 1. Deployment of configurations and product pipelines.
 2. Management of the cloud platform and infrastructure (servers, AMI, EC2, ELB, RDS, VPC, IAM management, VMs, networks).
 3. Management of the monitoring systems (CI/CD, pipelines).
 4. Oversee network communications processes (incl. industrial: Profibus, Modbus, Profinet).
 5. Regular maintenance and service, troubleshooting and repair of hardware and network equipment.
 6. Perform IAT/FAT/SAT of equipment.
3. WÄRTSILÄ VOYAGE
Cloud Operation Engineer
Jan 2013 - April 2019
 1. Installation, configuration, commissioning of customer's infrastructure - Wartsila Fleet Operation System.
 2. Design and further automate tools to allow efficient configuration management, build and release of software.
 3. Automate service monitoring and help with troubleshooting.
 4. Deployment automation, infrastructure tools: Docker, AWS EC2/S3/EBS/RBS.
 5. Monitoring of customer infrastructure: Nagios, Zabbix, PRTG.
 6. Monitoring of network activity in company's instances and customer's instances. Maintenance and balancing of load (AWS ELB).
 7. Deployment and connection of instances to integrate the customer's equipment to cloud ecosystem.

Education:

ROSTOV MILITARY ENGINEERING INSTITUTE / Automatic Control Systems in Aerospace, 1996-2001

RUSSIAN MANAGEMENT INSTITUTE / Bachelor of Management, 2001-2005

Interests :

General aviation, Quantum computing, RadioCommunication, Space science, World history

Volunteering:

Berkeley Open Infrastructure for Network Computing - BOINC, SETI@home

Berkeley SETI Research Center conducts experiments searching for electromagnetic signatures of intelligent extraterrestrial civilizations, spanning wavelengths from radio to visible light. The volunteers utilizes spare resources on volunteer computers to aid in processing data from radio telescopes