

# Nikolai Ostroukh

DevOps and Infrastructure Engineer, 10+ years of experience

## Skills:

### Cloud Platforms:

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

### DevOps:

Terraform, , Kubernetes, Ansible, Git, Jenkins, Virtualization.

### 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

### HMH AS (former MHWirth AS)

Senior Engineer

April 2019 - Present

- Deployment of configurations and product pipelines.
- Management of the cloud platform and infrastructure (servers, AMI, EC2, ELB, RDS, VPC, IAM management, VMs, networks).
- Management of the simulator deployment (CI/CD, pipelines).
- Oversee network communications processes (incl. industrial: Profibus, Modbus, Profinet).
- Create and implement interfaces towards control systems, HMI and smart modules.
- Responsible for control system, monitoring, scaling for environment systems.
- Regular maintenance and service, troubleshooting and repair of hardware and network equipment.
- Perform IAT/FAT/SAT of equipment.
- Act as 1st/2nd line Support.

### Wärtsilä Voyage

Cloud Operation Engineer

Jan 2013 - April 2019

1. Participation in 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's 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.
8. Executing customer operator's & engineer's training.
9. Implementation of warranty service systems and technical user support, RMA procedures.
10. Participation in regular maintenance and service visits, troubleshooting and repair of hardware and network equipment.

## Contact:

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[nikolai-ostroukh-10762930](#)

## Top Skills:

Amazon Web Services (AWS)

Cloud Infrastructure Operations

DevOps

## 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)

## **Education:**

ROSTOV AEROSPACE ENGINEERING INSTITUTE / Automatic Control Systems,  
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