CHERNIAEV SERGEI

✉ devoops-shield@proton.me
📞 t.me/sergey_tech
in linkedin.com/in/s-chernyaev
🐙 github.com/devoops-shield
🌐 devoops-shield.ru

EDUCATION

Enginer
Communication networks and switching systems

Belgorod State National Research University

📅 Sep 2006 - Sep 2011

📍 Russia,Belgorod

Languages

- Russian
- English

CERTIFICATES

- Certified Calico Operator Level 1 ,
- Kubernetes Fundamentals ,
- Cybersecurity Essentials ,
- Introduction to GitOps ,
- Fundamentals for Kyverno ,
- Cilium LoadBalancer IPAM and BGP Service Advertisement ,
- Network Foundations ,
- Cilium Cluster Mesh ,
- Cilium Flow Encryption

ABOUT

I am a Devops engineer with more than 5 years of experience. I have created architecture projects for Magnitogorsk NMLK and Krasnodar NMLK based on Kubernetes, as well as Proxmox and Vmware. My favorite tools are Teraform, Packer, Ansible, Salstack, Docker, Podman, Helm, Helmfly and others.

EXPERIENCES

● Devops Enginer
📍 Russia Moskow

DATANA   2021 - 2023

- Design and creation of infrastructure in an isolated loop (Proxmox, Teraform, gpu sharing, Haproxy, K8s, Rancher, Kafka, Redis, KeyDB, Mongo, Postgres, Prometheus, Consul, VictoriaMetrics, Grafana, MinIO, Elk, Ansible, Nexus)
- Design and creation of HA vpn-bastion (ocserv)
- Setting up and maintaining the MikroTik network infrastructure.
- Design and creation of your own hybrid infrastructure based on Proxmox, Vmware and Lancloud cloud based on Hyper-V.
- Monitoring systems Prometheus operator, Victoriametrics HA, Grafana, Karma.
- Logging systems ELK, EFK, EVK.
- Configuring CEPH, MinIO, Glusterfs, OpenEBS storages, etc.
- VM backup systems (Veeam Backup and Recovery), k8s (Velero)
- Writing Gitlab cd /cd Docker DND pipelines for Python, Node.js, Kotlin, Java.
- Configuration management (Ansible, Saltstack).
- Access control system (AD, Ldap)
- Docker Swarm, Kubernetes (K3s, Rke, Rke2, Kubeadm) orchestration systems.
- Cluster design for IoT systems LXD (LXDMosaic), Backup (LXMIN), k8s (K3s).
- Software version control system (Flux).
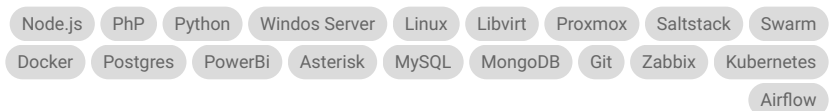- Converted docker-compose to Helm and have experience writing charts.

Proxmox   Hyper-V   Vmware   Teraform   gpu sharing   Haproxy   K8s   Rancher   Kafka
Redis   KeyDB   Mongo   Prometheus   Postgres   Consul   VictoriaMetrics   Grafana   MinIO
Elk   Ansible   Nexus   Karma   MikroTik   Flux

● Devops Enginer
📍 Russia Moskow

CREDITCALL COMMUNICATIONS LIMITED   2019 - Present

- Writing various types of REST-API integrations (Python, Node.js, PHP)
- Assembly and configuration of food environments.
- Code assembly and delivery to food sites. (Gitlab ci/cd, Jenkins, Ansible)
- Construction of various types of VPN tunnels.
- Monitoring using Zabbix, Grafana, Victoriametrics.
- Administration of a server fleet based on Linux, Windows.
- Voip administration, queue setup, group calls, follow me, ivr, cdr, PBX monitoring, reporting.
- Working with Mysql, Postgresql, Mongo databases.
- Collection of EFK, Graylog logs.

Node.js   PhP   Python   Windos Server   Linux   Libvirt   Proxmox   Saltstack   Swarm
Docker   Postgres   PowerBi   Asterisk   MySQL   MongoDB   Git   Zabbix   Kubernetes
Airflow

● System Administrator - Devops Enginer
📍 Russia Moskow

FACTORY OF INFORMATION TECHNOLOGIES   2015 - 2018

- Administration of a fleet of computers based on Linux, Windows.

- Administration of servers based on Linux (Centos, Debian, Proxmox, Gentoo) Windows 2012, support for network equipment.
- Maintaining highly loaded HighLoad++ sites in working order 24/7 (2do2go.ru, all.culture.ru, culture.ru, cultreg.ru, vsopen.ru, etc.)
- Administration of Voip (Asterisk), setting up queues, group calls, follow me, ivr, cdr, monitoring PBX, creating reports.
- Administration of sites on different engines (Modx, Wordpress, joomla, Yii, Java)
- Build docker-images and deliver to production sites (Gitlab ci/cd, Ansible)
- Managing container clusters (Swarm, Kubernetes.)
- Creation of an infomat based on OpenSource solutions.
- Working with Mysql, Postgresql, Mongo databases.
- Working with PHP, Node.js, Java, Python.
- Monitoring using Zabbix, Grafana.
- Collection of Efk, Graylog logs.

`Linux` `Windows Server` `Asterisk` `Node.js` `PHP` `Python` `Ansible` `Git` `cd/cd` `Jenkins` `Modx` `Joomla` `Proxmox` `ESXI` `Kubernetes` `MongoDB` `Postgres` `ELK`

Engineer IT
Russia,Belgorod

MBOU SECONDARY SCHOOL №40   2014 - 2015

- Maintenance of computer fleet, OS server (Windows, Linux)
- Administration of servers based on Linux (Debian, Proxmox) Windows support of network equipment.
- Creation of your own IPTV, maintenance.
- Repair and setup of computer peripherals (projectors, office equipment, etc.)
- Maintaining and promoting the official website of the organization. Technical support for the site
- Setting up electronic signatures based on CryptoPro CSP.
- Maintenance and modernization of LAN.

`WIndows` `Linux` `Jomla` `Git` `CriptoPro CSP` `Oracle` `IPTV` `LAN`

System Administrator
Russia,Belgorod

ENERGOMASH-STROY, HOLDING COMPANY   2011 - 2011

- Maintenance of computer fleet, OS server (Windows, Linux)
- Administration of Windows-based servers, support of network equipment.
- Administration of servers, IP telephony, mini PBX. Work with GSM and Voip modules, Asterisk.
- Administration of Oracle databases.

`Windows` `Linux` `Oracle` `LAN` `Asterisk`
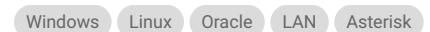
System Administrator
Russia,Belgorod

TAXI POSITIVE   2011 - 2011

- Maintenance of computer fleet, OS server (Windows, Linux)
- Administration of Windows-based servers, support of network equipment.
- Administration of servers, IP telephony, mini PBX. Work with GSM and Voip modules, Asterisk.
- Administration of Oracle databases.

`Windows` `Linux` `Oracle` `LAN` `Asterisk`