

Oleg Sch.

DevOps engineer with over 5 years of hands-on experience in IT, worked on several large international projects in multicultural international teams. Specializes in cloud services, building CI/CD pipelines, bash and python scripting, infrastructure as code, and change management. Experienced in a wide range of technologies, including Docker, Kubernetes, Helm, Ansible, Terraform, various CI/CD tools, as well as monitoring stack ELK and Prometheus. Works in various operating systems (Linux, Windows, MacOS).

Brief Information

- Creation, maintenance and optimization of automated CI/CD pipelines;
- Development and implementation of centralized monitoring systems based on Prometheus, Grafana;
- Deep knowledge of AWS and understanding of its features;
- Working with Kubernetes clusters: creation, maintenance;
- Containerization of applications, separation of monolithic solutions into microservices;
- Installation, configuration, troubleshooting of web servers: Nginx, Apache.
- Creation, design, maintenance of infrastructure and management using Terraform;
- Configuration management using Ansible;
- Use of programming languages: Bash, Python.

General information

Education	
Educational institution	Belarusian State University of Informatics and Radioelectronics
Speciality	Engineering and psychological support of information technologies, systems engineer
Degree	Bachelor
Educational institution	College of Business and Law
Speciality	Information Technology Software
Degree	Software engineer
Certificates	
AWS Well-Architected AWS Knowledge: EKS AWS Knowledge: Cloud Essentials IBM Cloud DevSecOps NGD Linux Essentials English 0721 cga	
Languages	
Russian	Native
English	B2, Upper Intermediate

Skills

	Recent Use
Operating systems:	
Linux (RHEL based, Ubuntu)	2025
Windows	2025
MacOS	2025
Database systems:	
PostgreSQL	2025
MongoDB	2025
MySQL	2024
MSSQL	2020
Oracle	2023
MariaDB	2025
Programming languages:	
Python	2025
Bash	2025
C#	2017
PowerShell	2020
VisualBasic	2019
VCS:	
GitLab	2024
Bitbucket	2024
GitHub Enterprise	2025
Monitoring systems:	
Zabbix	2020
Prometheus	2025
Thanos	2025
Wazuh for security monitoring	2021
ELK stack (elasticsearch, filebeat, metricbeat, logstash)	2024
Logging system:	
Loki with promtail	2025
Monitoring dashboard:	
Grafana	2025
Kibana	2024
Configuration management:	
Ansible	2022

Containerization:	
Docker	2025
Docker-Compose	2025
Container Orchestration Tools:	
Kubernetes	2025
Templating systems / Package managers	
Helm	2025
Kustomize	2024
CI/CD systems:	
GitHub Actions	2025
GitLab CI	2024
Jenkins	2022
Azure Pipelines	2024
Argo CD	2025
Clouds:	
Amazon Web Services (EC2, IAM, S3, RDS, ECS, VPC, EKS, CloudFront, CloudWatch, Route53, ECR, EMR, IAM, TG, SG, SNS, SES, Secrets Manager, CloudTrail, etc.)	2024
VK Cloud	2024
Yandex Cloud	2023
DigitalOcean	2024
IaC:	
Terraform	2025
Security:	
Keda	2025
SonarQube	2025
Dive	2025
External secrets	2025
Kyverno	2025
Vault	2025
Vaultwarden	2025
Web servers and other tools:	
Apache	2022
Nginx	2025
Caddy	2025
HAProxy	2022
Velero	2024
Sonatype Nexus	2025

Projects

Company	PlaysDev LLC
Industry	European Education Platform
Period	January 2024 - February 2025
Technologies	<i>Confidential Cloud Provider, k8s, Helm, Docker, GHES, GitHub Actions, Terraform, Caddy, ArgoCD, Nexus, Python, SonarQube, Thanos, Loki, Grafana, PostgreSQL, MongoDB, MariaDB</i>
Role	Devops
Responsibilities	• Infrastructure design, deployment, and maintenance using terraform for an internal cloud provider; • Improving infrastructure security and resiliency; • Implementation of the GitOps approach using declarative description of manifests for ArgoCD; • Refactoring CI/CD pipelines, reducing build time by 3 times and optimizing the entire process; • Creating new CI/CD pipelines to automate integration and delivery processes; • Integrating SonarQube to improve code quality and implement quality gates into the development process; • Translating old Go scripts into Python to unify and standardize scripts; • Automating routine tasks using Python and Bash scripts; • Developing and deploying a centralized monitoring system for all environments based on the Prometheus stack; • Integrating with Jira and Confluence using Python scripts (automating reports, publishing test results); • Developing Helm charts for new microservices, improving existing Helm charts and Kubernetes manifests, improving Kubernetes cluster security.

Company	PlaysDev LLC
Industry	Event listing service
Period	June 2023 - January 2024
Technologies	<i>VK Cloud, Linux, k8s, helm, velero, GitLab CI, ArgoCD, Docker, Nginx, Nginx Ingress, Grafana, Alertmanager, Prometheus, Loki, SonarQube, PostgreSQL, Python.</i>
Role	Devops

Responsibilities	• CI/CD process was optimized by refactoring Gitlab CI pipelines and automating the deployment process using ArgoCD; • Enhancing the security of CI/CD pipelines and image builds by implementing multi-stage builds and image scanning; • Creating pipelines for SonarQube, code quality improved after integrating SonarQube; • Developing monitoring for each environment with technical and business alerts based on the Prometheus stack; • Deploying and managing HashiCorp Vault in each environment to improve security by managing and protecting confidential information; • Backup and restore of the Kubernetes cluster using the Velero tool.
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Company	PlaysDev LLC
Industry	European Bank (Fintech)
Period	December 2022 - June 2023
Technologies	<i>AWS (including EC2, VPC, EKS, ECR, IAM, S3, Route53, RDS, Lambda, CloudWatch, CloudTrail), Terraform, Kubernetes, Helm, Docker, Azure DevOps.</i>
Role	Devops
Responsibilities	• Deploying an EKS cluster and other resources in AWS using Terraform scripts, which increased operational efficiency; • Reducing infrastructure costs by automating processes and adding scalability; • Designing CI/CD pipelines using Azure Pipelines to automate application deployment; • Maintaining Kubernetes objects and evaluating the performance of microservices in a Kubernetes cloud environment, optimizing application functionality; • Setting up metrics and collecting EKS cluster logs using fluentbit and metrics server; • Creating and configuring detailed monitoring and alerting for microservices in CloudWatch.

Company	PlaysDev LLC
Industry	Retail, application for internal use
Period	March 2022 - December 2022
Technologies	<i>AWS (EC2, VPC, EKS, ECS, IAM, TG, S3, RDS), DigitalOcean, JBoss, Docker (Docker-compose), Jenkins, Oracle</i>
Role	Devops

Responsibilities	• Containerization of a monolithic Java application using docker and docker-compose; • Splitting a monolithic application into microservices; • Deploying a k8s cluster in DigitalOcean; • Creating k8s entities, testing the performance of microservices in k8s; • Deploying and maintaining an oracle database, creating the required entities, patching, importing and exporting dumps; • Updating software and third party applications in accordance with the requirements of new application versions; • Designing a CI/CD based on a customized Jenkins to automate the deployment of new application versions; • Building communications with the ProdSupport team to automate tasks.
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Company	PlaysDev LLC
Industry	Bank (fintech)
Period	November 2020 - March 2022
Technologies	<i>Baremetal area, Linux (RHEL), Ansible, Jenkins, Nexus, Docker (Docker-compose), Nginx, Haproxy, Prometheus stack (NodeExporter, Loki, Grafana, PromTail), Percona Monitoring and Management, ELK stack (Elasticsearch, Kibana, Filebeat, Metricbeat, Logstash), Apache JMeter, MySQL (Percona)</i>
Role	Devops
Responsibilities	• Deployment and maintenance of baremetal contours on Linux Centos. Configuration and tuning of servers; • Writing Ansible playbook scripts for deployment and configuration of software and applications on servers; • Writing CI/CD Jenkins pipelines for deployment of applications and services, automation of the software delivery process to servers using Jenkins; • Deployment and configuration of Nexus repositories for CI/CD; • Configuration and maintenance of the MySQL database. • Configuration and maintenance of the Haproxy balancer; • Maintenance of the Nginx web server. Refactoring of Nginx configs. Aggregation of Nginx metrics in Grafana; • Maintenance of databases on dev, qa, prod contours. Deployment of PMM database monitoring based on Grafana; • Support and maintenance of existing Zabbix, ELK monitoring systems; • Deployment and configuration of a new Prometheus monitoring system with visualization in Grafana; • Configuring filebeat, metricbeat, logstash to send logs to ELK and visualize them in Grafana; • Creating and managing Docker containers; • Deploying and configuring the Apache JMeter load testing service.

Company	NP Service
Industry	Product distribution
Period	December 2019 – November 2020

Technologies	Windows, Linux (Ubuntu), MacOS, Bash, Nginx, Apache, PHP, Terraform, Ansible, Zabbix, MySQL, VirtualBox
Role	Devops
Responsibilities	• Wrote scripts in Bash and PowerShell to solve problems; • Installed and configured Apache and Nginx web servers; • Configured a proxy server using Nginx; • Experience with configuration management tools such as Ansible; • Deployed applications in Kubernetes, created clusters.

Company	NP Service
Industry	Product distribution
Period	August 2018 – November 2019
Technologies	Systems Engineer
Role	• Maintenance of office equipment (PCs, printers, MFPs, UPS, PBX, firewalls, switches, etc.), local network design, telephony work, network equipment setup; • Performed duties of network administrators when necessary; • Equipment accounting in the management accounting system (inventory, equipment accounting, repairs, etc.); • Business trips to branches for installation and adjustment or dismantling of active and passive network equipment.