Siarhei Kirakasian

Poland, Poznan • +48780063277 • sergey_kirakosyan@icloud.com • linkedin.com/in/sergey-kirakosyan-6307a4124 • www.mydigi.click

Senior DevOps Engineer / Systems Engineer

Experienced engineer with a strong analytical mindset, last 4 years specializing in deployment automation and cloud technologies. Expertise in AWS, virtualization, containerization, and container orchestration. Skilled in Infrastructure as Code (IaC), secure development, logging, monitoring, and automation, with a strong focus on the business needs. Exploring AI-driven solutions for enhanced efficiency and coaching teammates.

Equally effective as a team player, lead or independent systems engineer, excelling at collaborating with developers, operations teams, architects, and customers to optimize workflows and implement secure SDLC solutions. Dedicated to driving efficiency, innovation, and the exploration of AI applications within IT environments.

WORK EXPERIENCE

EPAM Systems • 08/2021 – 10/2025
Senior Systems Engineer • Full-time

- Enhanced security by implementing solutions for the total replacement of AWS keys usage through short-lived access tokens (STS) at all project infrastructure endpoints.
- Developed Lambda functions using Python (Boto3) and created CloudFormation stacks via AWS CDK for 3-tier application deployment.
- Created and managed Terraform modules and stacks for multi-cloud infrastructure provisioning with emphasis on AWS and Azure, automating networking configuration and cross-region failover.
- Utilized hands-on experience with OpenShift, bare-metal Kubernetes, and cloud platforms (AWS, Azure) to deliver high efficiency and reliable deployment environments.
- Engineered a full backup and upgrade solution for a 3-node Dockerized Elasticsearch cluster in staging and production environments using Ansible playbooks, ensuring zero data loss. Assisted in implementing my solution for partners in staging (Deutsche Telekom, Swisscom).
- Developed and implemented in the short term a comprehensive Python scripts for product images and VMware VCD templates following the end-of-life (EOL) of CentOS 7 and a legacy product deployment crash, ensuring restoration of product functionality through effective scripting solutions.
- Collaborated with development teams to integrate applications using SRE principles and robust DevOps practices, going beyond traditional CI/CD pipeline creation.
- Implemented a multi-AZ ECS cluster with ECR using Terraform, with custom images through multistage builds, which increased application stability, reduced the size of images by 3.8 times and increased availability by 27%.

- Designed a modern architecture and migration plan to replace OpenShift OKD 3.11 with OpenShift OKD 4.15, introducing enhanced functionality and addressing the deprecation of previously utilized solutions.
- Provided full support Ivanti Neuron Private Cloud for MDM, managed OpenShift clusters with debugging complex microservices (Postgres, MongoDB, Kafka, Zookeeper, ActiveMQ, Elasticsearch, Kibana, FluentD, CoreDNS, JVM, Redis) on RHEL8, CentOS7 and Debian as one DevOps engineer on the stream.
- Supported 3-tier Java application development for travelers (Web, Android, IOS) as DevOps Lead (3 members)

www.po4inim.by · 01/2015 – 08/2021
IT Specialist – Entrepreneur

- Full IT Support for small companies and householders. Creating and administrating networks, DB, AD, updating software, firmware, hardware upgrades, and repair.

EDUCATION

Specialist degree in Instrument Engineering
Belarusian National Technical University • Belarus

CERTIFICATIONS

Certified Kubernetes Administrator · 04/2024 – 04/2027
Linux Foundation

Terraform Associate · 10/2024 – 10/2026
Hashicorp

DevOps Engineer – Professional · 07/2025 – 07/2028
AWS

SKILLS

Tools and Technologies: Agile, AI Technologies, Ansible, Artifactory, Atlantis, AWS, Bash, CircleCI, Cloudwatch, Container Orchestration, DevOps, Docker, DynamoDB, EC2, ECS, EKS, Elasticsearch, Elastic Stack (ELK), Git, GitHub Action, Gitlab CI/CD, Grafana, Infrastructure as Code (IaC), Jenkins, Kafka, Kubernetes, Lambda, Linux Server, Mongo DB, Networking, Nexus, Piper, Postgres DB, Powershell, Prometheus, Python, Redis DB, Soft Skills, SonarQube, System Administration, Terraform, Terragrunt, Virtualization, VMWare VCD, VMWare VSphere, Zookeeper

Languages: English - B2, Polish - B1+, Russian - native

GDPR CLAUSE