Dmitrij S

DevOps Engineer

WHO AM I?

DevOps Experience in designing and creating infrastructure for development and process automation. Worked with highly-loaded services. I enjoy working with large amounts of data and tackling non-standard tasks. I am an AWS DevOps expert with over 3 years of hands-on experience on AWS. My role typically involves transforming infrastructure into a container-based environment, assisting in creating microservices architecture, building and implementing Continuous Integration, and integrating and monitoring the entire infrastructure. Skills and technologies: - Kubernetes, OpenShift, Docker - AWS, GCP, Azure - Ansible, Terraform, Helm - Cert-manager - GitLab CI, Circle CI - MySQL, PostgreSQL, ClickHouse, MongoDB, Couchbase, Redis - ElasticSearch, Fluentd, - RabbitMQ - NGINX, Apache, HAProxy - Prometheus, PushGateway, Grafana - Git - Python, Bash, Linux Responsible Communicative Non-conflicting Able to work with a large amount of information Skilled in analyzing and finding solutions to difficult situations No harmful habits

SKILLS

| AWS | Google Cloud | JsonRPC | Windows | Ubuntu | Git | Kubernetes | Docker | Terraform |

| Ansible | Nginx | Redis | Elasticsearch | PostgreSQL | MongoDB | Python |

EDUCATION

2008 — 2013 **Transnistrian State University named after T.G. Shevchenko**
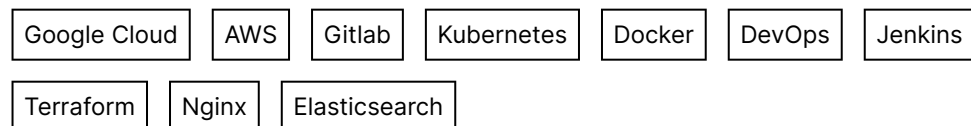Computer hardware and automated systems software.

EXPERIENCE

2020 — 2021

DevOps Engineer

Codemotion

- Performed complex Linux administrative activities. - Followed best practices on GCP and AWS. - Provided assistance with automating software installation processes. - Ensured in-time feature delivery. - Deployed, maintained, configured, and troubleshooted high-load applications with big data. - Configured and supported CI/CD scripts and workflows. - Configured monitoring systems and developed monitoring scripts. - Designed and planned infrastructure for scalability. - Automated performance and log processing reports. - Helped create systems to support developers in monitoring server status and application logs.

| Google Cloud | AWS | Gitlab | Kubernetes | Docker | DevOps | Jenkins |

| Terraform | Nginx | Elasticsearch |

2018 — 2020

DevOps Engineer

TsTech

Software development. Trading company. Engaged in developing a software package of services (CRM, trade) for stock exchanges and currency trading companies. AWS: CloudFormation, EC2 Spot Instances, Auto Scaling, Load Balancing, CodeDeploy, CloudFront, S3, Route 53, Certificate Manager, Systems Manager services, Glacier, ElastiCache, CloudWatch, ECS, SNS, and more. Jenkins cluster, Ansible, GitLab. Graylog cluster (automatic system for blocking intruders), Kubernetes.

| AWS | Gitlab | Jenkins | Ansible | Kubernetes |

2016 — 2018

DevOps Engineer - python dev

Zfort Group

Developed an internal Django project for the automatic creation of web developers' environments (Apache/Nginx with PHP5/7) based on Docker containers. Also provided support for existing company projects. Current technology stack: - Ubuntu16/18/20 - Python - Ansible, bash, python fabric - Web: Django, Celery, basic UI development (HTML templates, JS snippets, CSS (Bootstrap/Materialize) - Docker (Docker-compose, local repositories) - maintaining internal projects based on docker images deployment; - CI: Jenkins ; - VCS: GitLab; - Database: MySQL;

| Ubuntu | Gitlab | Bash | Ansible | DevOps | MySQL | MySQL | Python |

| Jenkins | Docker |
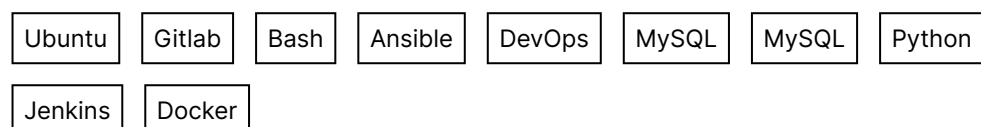
2021 — Present   **DevOps Engineer**

IDA

Since April 2021 and continuing to the present day, I have been working in a DevOps role, managing cloud infrastructure and serving as a Kubernetes administrator. My responsibilities encompass a broad range of system automation tasks. I primarily work with cloud technologies, with a specific focus on AWS. I leverage tools like Helm for managing Kubernetes applications, which allows me to define, install, and upgrade complex Kubernetes applications. As part of my role, I frequently use Bash for scripting and automation tasks, enabling me to automate routine tasks and improve productivity. I play a critical role in the CI/CD pipeline, facilitating continuous integration and continuous delivery to improve software quality and speed up the release cycle. I also work with PostgreSQL, a powerful open-source relational database system, managing its interaction with other components of our tech stack. Terraform and Terragrunt are essential tools in my day-to-day work, as they enable me to define and provision data center infrastructure using a declarative configuration language. This way, I can effectively version control and manage the state of our infrastructure. Lastly, Docker plays a vital role in my work for containerization, making it possible to quickly create, scale, and replicate production environments, contributing to more reliable and repeatable application deployment.

| Cloud Services | AWS | HELM | K8s | Bash | CI/CD | PostgreSQL | Terraform |

| Terragrunt | Docker |