

Bekhruz (Brian) Kasymov

DevOps Engineer

Paris, France, Bibliothèque François Mitterrand

About me

DevOps Engineer with over three years of experience in developing infrastructure and integrating products. I specialize in building CI/CD pipelines, managing infrastructure as code, and utilizing monitoring tools for real-time insights. Proficient in cloud solutions such as GCP, Azure, AWS and DigitalOcean, I ensure secure and scalable environments. I am committed to continuous improvement, training teams, and fostering collaboration.

Work experience

- Qantev

February 2024 — Present

DevOps Engineer Intern (Final Internship for Master's Degree):

 - **Accelerated the onboarding** of new employees by automating resource allocation using Terraform (GitHub, Sentry, Azure, etc.).
 - **Refactored the Dagster** pipeline to reduce data processing time by migrating AI models to a dedicated server and utilizing API calls for results.
 - **Implemented reactive alert systems** for Grafana, Prometheus, and Slack to monitor critical signals and ensure quick infrastructure team response.

Currently Completing Internship: Gaining hands-on experience in advanced DevOps practices as part of the final year of my master's program, expected to conclude in August 2024.
- WeGoTrip

February 2023 — February 2024

DevOps Engineer:

 - **Data Security:** Safeguarded critical data by implementing a robust backup system with 3-7-24 hour intervals and automatic database recovery, ensuring data integrity and availability using cloud and OS Linux solutions.
 - **Optimized Deployment:** Streamlined CI/CD pipelines with Jenkins, Docker, and GitHub Actions, cutting deployment and bug detection times by more than half.
 - **Server Security:** Fortified server security with Fail2Ban, Rkhunter, OpenSSH, and CloudFlare, reducing DDoS attacks by 60%.
 - **Infrastructure Management:** Automated infrastructure setup with Ansible and Terraform, eliminating the need for manual intervention.
 - **Network Security:** Improved network and data security by deploying a corporate VPN and a secure password vault, reducing sensitive data leaks and maintaining strict access control.
- Sber

October 2020 — December 2022

DevOps Engineer:

 - **Streamlined Deployment:** Implemented CI/CD pipelines using Jenkins, GitLab CI, and Docker, enhancing deployment efficiency and making the development process transparent for all stakeholders.
 - **SQL Automation:** Automated SQL change logs with Liquibase on PostgreSQL, ensuring traceability and compliance, reducing security risks, and eliminating manual database tasks.
 - **Security Integration:** Improved code security by integrating Bitbucket with SonarQube and SAST tools, enabling secure production releases.
 - **Data Management:** Enhanced data management and visualization through the deployment of PostgreSQL and Grafana in OpenShift, using Prometheus for monitoring and alerting, allowing cost assessment of our product across dev, staging, and production environments.

Education

- Ecole 42 (Paris, France), Higher education

2024

Système d'information et réseaux, Expert en Architecture Informatique
- Kutafin Moscow State Law University (MSAL), Bachelor's degree

2018

Contacts

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Skills

- Cloud Solutions: AWS, Digital Ocean, GCP, Azure
- Operating Systems: Unix, Linux
- Containerization: Docker, Kubernetes, OpenShift
- CI/CD Tools: Jenkins, GitLab CI, Bitbucket Pipeline, GitHub Actions
- Version Control Systems: Git (Bitbucket, GitHub, GitLab)
- Automation Tools: Terraform, Ansible, Bash
- Databases: PostgreSQL, MySQL
- Caching Technologies: Redis, Nginx
- Programming Languages: Python, C

Soft skills

- Proficiently organize and conduct training sessions
- Facilitate brainstorming sessions
- Strategic business development
- Interviewing and candidate assessment

Free projects

All projects are listed with the links specified in the project titles.

- Lem-in (in the C):
Implementation of graphs to find all the best paths.
- Inception of things:
Set up cluster of Kubernetes, deploy simple applications, install GitLab and ArgoCD for CI/CD pipeline.
- Webserv:
Goal of the project is to create in C++ web balancer like Nginx with multi threads.
- Darkly:
Goal is to find 15 types of vulnerability in web site (SQL injection, analyse JavaScript code of page, write bash scripts, implement ret2libc).