

NIKITA GULYAYEV

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Authorized to work for any US employer (US Citizen)

TECHNICAL SKILLS

CI/CD & Automation : Kubernetes, Docker, Jenkins, Argo, GitHub Actions, Terraform, Ansible, Pulumi

Programming Languages : Python, Rust, Bash

Databases : PostgreSQL, MongoDB, Redis

Cloud Platforms : AWS (EC2, EKS, CloudWatch), Azure, Red Hat Openshift

Monitoring & Logging : Prometheus, Grafana, Loki, ELK (Elasticsearch, Logstash, Kibana), Alertmanager

EXPERIENCE & PROJECTS

Senior Infrastructure Engineer | Hydrolix (Las Vegas, NV)

Sep 2024 - present

Streaming Data Lake Platform

Kubernetes | AWS | GCP | Pulumi | Rust | Python

- Implementing Kubernetes Operator for deploying and managing Hydrolix platform.
- Designing and implementing load balancing, monitoring and autoscaling services in Rust.

Senior DevOps SRE | Ascend Software (Las Vegas, NV)

Apr 2023 - Sep 2024

Cloud platform designed for Touchless AP Automation

AWS | Kubernetes | Prometheus | Terraform | Ansible | GitOps

- Migrated 20+ microservices from EC2 to EKS, improving deployment speed by **45%** and reducing downtime by **80%**.
- Implemented a monitoring system (Prometheus, Grafana, Loki), cutting **MTTA** to 5 minutes and **MTTR** to 1 hour.
- Cut cloud costs by **\$65,000+** annually through efficient resource management.
- Created CI/CD GitHub Actions pipeline, reducing manual intervention by **70%** and cutting deployment times by **60%**.

Senior Systems Engineer | [Startup] Half Note Jazz Club Foundation (Las Vegas, NV)

Aug 2021 - Jan 2023

Web platform architecture redesign for online collaborations

Kubernetes | AWS | Jenkins | PostgreSQL | Terraform

- Developed CI/CD pipelines for distributed services, enhancing deployment and reducing lead time by **45%**.
- Integrated a cloud architecture using AWS serverless stack, cutting operational costs by **\$50,000** annually.
- Designed and deployed 24/7 monitoring tools, improving reliability and cutting incident response time by **30%**.
- Built a robust monitoring system, achieving network uptime of **99.9%**.

Senior Systems Engineer (Contract) | EPAM Systems (Saint-Petersburg, Russia)

Nov 2020 - Aug 2021

Infrastructure and CI/CD pipelines for Big Data Enterprise platform

Azure | Kubernetes | Jenkins | Ansible | Groovy

- Updated the Jenkins library to manage Azure HDInsight clusters, reducing cluster provisioning time by **40%**.
- Implemented Ansible pipelines for seamless Big Data app deployments, achieving **zero downtime**.

Python Developer, Systems Engineer | Just AI Global (Saint-Petersburg, Russia)

Sep 2019 - Nov 2020

Web platform for building custom AI applications

Red Hat Openshift | Ansible | Terraform | Jenkins | AWS | Linux

- Integrated NLP and ML algorithms into backend service, increasing response accuracy by **40%**.
- Deployed and configured a production-ready Openshift cluster on bare-metal servers, **tripling** deployment frequency.
- Implemented on-demand provisioning of user environments in a private cloud, cutting allocation time to under **35s**.

Software Engineer | Institute of Telecommunications (Saint-Petersburg, Russia)

Mar 2018 - Sep 2019

Research & development of UAV and ROV prototypes

Python | C++ | TCP/IP | Bash | Linux | Networking

- Developed communication protocols for sub-sea ROV, improving data transmission efficiency by **30%**.
- Established a stable communication link for UAV operations, enhancing remote control reliability over distances **50+ km**.

EDUCATION
