

# NIKITA GULYAYEV

Las Vegas, NV (Remote) | (347) 827-5031 | [nikita.gul.sre@gmail.com](mailto:nikita.gul.sre@gmail.com)

[linkedin.com/in/nikita-guliaev](https://www.linkedin.com/in/nikita-guliaev) | [github.com/nickyfoster](https://github.com/nickyfoster)

Authorized to work for any US employer (no sponsorship required)

## TECHNICAL SKILLS

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**CI/CD** | Kubernetes, Docker, Jenkins, ArgoCD, Git, Github Actions

**Back End** | Python, Go, PostgreSQL, MongoDB, Redis

**Clouds/Infrastructure** | AWS, Azure, Linux, Networking(TCP/IP, TLS), Terraform

**Monitoring** | AWS CloudWatch, ELK, Prometheus, Grafana, Alertmanager

## EXPERIENCE & PROJECTS

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### Senior SRE | Ascend

Apr 2023 - present

*Cloud platform designed for AP Automation*

Kubernetes | AWS | Argo | Prometheus | Grafana | Loki | Terraform

- Containerized and migrated the platform to EKS, boosting performance and reliability
- Developed a streamlined CI/CD pipeline for efficient application deployment
- Led an AWS cost-saving project, achieving over **\$60K** annual savings

### Senior Systems Engineer | [Startup] Half Note Jazz Club Foundation

Aug 2021 - Jan 2023

*Web platform architecture redesign for online collaborations*

Kubernetes | AWS | Jenkins | PostgreSQL | Terraform

- Developed efficient CD pipelines for distributed microservices
- Optimized HA configuration for services with peak load handling
- Reduced dynamic WP cluster allocation time by **80%** (from 300s to **65s**)
- Designed internal automation tooling systems for websites monitoring/troubleshooting and DNS configuration

### Senior Systems Engineer | EPAM Systems

Nov 2020 - Aug 2021

*Infrastructure and CI/CD pipelines for Big Data Enterprise platform*

Azure | Kubernetes | Jenkins | Ansible | Groovy

- Upgraded legacy Jenkins shared library for managing Azure HDI clusters to allocate infrastructure in more efficient and fast way (allocation time reduction by **60%** from 10 min to **4 min**)
- Implemented Ansible pipelines to seamlessly deploy Big Data apps with **zero downtime**

### Python Developer, Systems Engineer | Just AI Global

Sep 2019 - Nov 2020

*Web platform for building custom AI applications*

Red Hat Openshift | Ansible | Terraform | Jenkins | AWS

- Successfully integrated NLP and ML algorithms into highload backend python service
- Deployed and configured production ready Openshift cluster on bare-metal servers
- Designed multiple CI pipelines and cut down **in half** build time for Java apps
- Implemented on-demand provisioning of user environment in private cloud (allocation time **<35s**)

### Software Engineer | [Startup] Cube Group Engineering

Apr 2019 - Sep 2019

*R&D engineering solutions startup*

Linux | Networking | Python | AWS | Kubernetes | C++

- Designed client-server communication protocol for sub-sea ROV using sonar technology and network devices
- Configured stable communication link between ground station and fixed-wing UAV

### Software Engineer | Institute of Telecommunications

Mar 2018 - Apr 2019

*Research & development of UAV and ROV prototypes*

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

- Designed seamless network solution for ROV prototype

## EDUCATION

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Saimaa UAS, Lappeenranta, Finland - Bachelor's Degree in Automation Technologies and Mech. eng.

2014 to 2018