Sergei Chukh

SRE / DevOps Engineer

⊞ Personal Info

SRE/DevOps engineer focused on diagnostics, incident resolution, and stability of production systems. Experienced in identifying performance degradation, debugging complex infrastructure issues, and building fault-tolerant environments. Proficient in Linux, Kubernetes, Pulumi, PostgreSQL, CI/CD, and cloud infrastructure. Based in Thailand (GMT+7) and open to long-term remote roles with international teams.

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in sergei-chukh
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○ spigell

⊞ Work Experience

DevOps Engineer / SRE / Developer
December 2024 – Present

Freelancer

Working as a freelance engineer in a startup environment on a trading bot platform that connects to centralized (Bybit, Mexc) and decentralized (Uniswap, Mira) exchanges via REST and WebSocket APIs.

▶ Built Kubernetes infrastructure on GKE and Hetzner (Talos) for reproducible, reliable deployments
▶ Automated infrastructure with Pulumi and Helm to reduce configuration errors and simplify updates
▶ Improved platform resilience by isolating unstable external APIs and adding retry/backoff mechanisms
▶ Stack: GCP (GKE), Talos, web3.js, VictoriaMetrics, Typescript, Nodejs, Pulumi, Hetzner, Github

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DevOps Engineer / SRE
June 2023 – December 2024

AMarkets   **Montenegro**

Online broker (Forex/CFD). SRE/DevOps engineer responsible for platform reliability and operations, primarily around databases.

▶ Diagnosed and resolved complex database and application performance issues in production (PostgreSQL, MySQL, Redis)
▶ Introduced PostgreSQL query audit tools to identify missing indexes and query anti-patterns
▶ Partnered with Go engineers on MetaTrader 5 services to improve reliability and reduce costs
▶ Designed service interaction patterns and rollout strategies for a monolith-to-Kubernetes migration (Deckhouse platform)
▶ Reduced MTTR by proactively diagnosing backend slowdowns and validating fixes before they impacted end-users
▶ Stack: AWS, Ansible, kubernetes, k8s (deckhouse), helm, werf, Golang, Metatrader 5, Pulumi, PostgreSQL, Sentry, Gitlab, MySQL, Redis, Prometheus stack, RabbitMQ

DevOps Engineer / SRE   April 2022 – April 2023

Gaijin Entertainment   **Cyprus**

Maintained and developed infrastructure for online games such as War Thunder and Enlisted.

- ▶ Ensured uptime of high-load game backends by quickly troubleshooting critical incidents, and participated in a 24/7 on-call rotation
- ▶ Built a custom service discovery mechanism using native etcd features
- ▶ Focused on uptime and rapid recovery in high-load multiplayer environments with live player traffic
- ▶ Stack: Linux (CentOS 7), Redis, AWS (RDS, EC2, VPC, Route53), Graphite + Telegraf, Kubernetes on bare metal, Docker as build environment, Golang, Puppet, Ansible, Terraform, Jenkins, Gerrit

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Support L2 Specialist   December 2021 – March 2022

Yandex   **Moscow**

Served on the second-line support team for Yandex Cloud.

- ▶ Troubleshot issues in Yandex Cloud services (Managed DB, Compute, Kubernetes)
- ▶ Specialized in deep-dive incident analysis and resolution in production Kubernetes clusters under pressure

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DevOps Engineer   October 2018 – May 2019

Equilibrium   **equilibrium.io**

Helped build a crypto fintech product as part of a small startup team.

- ▶ Maintained public blockchain nodes (Parity for ETH, nodeos for EOS)
- ▶ Reinforced infrastructure against edge-case failures in blockchain node deployments and CI pipelines
- ▶ Stack: Linux (Ubuntu), AWS (RDS, EC2, VPC, Route53), Docker swarm, Prometheus Stack, HashiCorp Vault, Teamcity

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DevOps Engineer / SRE   May 2019 – October 2021

Rostelecom IT   **Moscow**

Supported and developed the WINK platform (formerly Rostelecom Interactive TV).

- ▶ Updated, configured, and troubleshot the Wink API services in production
- ▶ Set up monitoring for servers and services (Zabbix, Prometheus, VictoriaMetrics); participated in on-call duty and responded to incidents
- ▶ Administered PostgreSQL databases (backups, replication, performance tuning)
- ▶ Supported the product team by providing internal tools as a service to streamline development and releases
- ▶ Handled additional duties: trained the 24/7 operations staff on the new platform, coordinated with business analysts, and planned hardware procurements for the project
- ▶ Systematically eliminated SPOFs and improved service recoverability across critical TV infrastructure
- ▶ Stack: Linux (Centos 7), PostgreSQL (+Pgbouncer), NSQ, ClickHouse, Nginx, Reindexer (https://github.com/Restream/reindexer), Prometheus Stack (+Victoria Metrics), Opscode Chef, Gitlab, Golang

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Technical Support Engineer   February 2016 – October 2018

Restream   **Moscow**
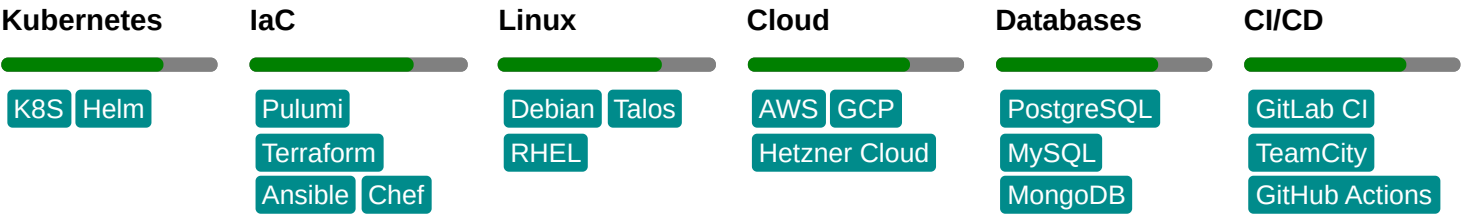
Rostelecom's "Interactive TV" project – worked in the monitoring department.

- ▶ Processed requests in the Jira ticketing system
- ▶ Performed initial OS provisioning (CentOS) on servers and managed configuration inventory via IaC (Puppet)
- ▶ Enabled faster node recovery by refining monitoring thresholds and improving root cause detection

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⊘ Certifications

CKA (Certified Kubernetes Administrator)

The Linux Foundation · Dec 2023
CKS (Certified Kubernetes Security Specialist)

The Linux Foundation · Feb 2024

⚒ Skills

Kubernetes	IaC	Linux	Cloud	Databases	CI/CD
K8S Helm	Pulumi	Debian Talos	AWS GCP	PostgreSQL	GitLab CI
	Terraform	RHEL	Hetzner Cloud	MySQL	TeamCity
	Ansible Chef			MongoDB	GitHub Actions

文A Languages

Russian

Fluent

English

B2