

Kirill Kashin

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EXPERIENCE

Criteo

August 2023 – Present

Limassol

Cyprus

- Observability team Supporting monitoring stack based on Prometheus, VictoriaMetrics, OpenTelemetry, Grafana, Tempo etc
- Volt installation, Secret management, GCP, Terrafor, etc
- Prometheus installation, support

SRE Engineer

May 2022 – Aug. 2023

Tinkoff

Moscow

- Completed the migration to Kubernetes (K8s) for the Java services of the TCRM product and adapted the canary deploy
- Migrated Python services of the T-Messenger product to Kubernetes (K8s) and adapted the blue-green deploy
- Implemented SLA and reoriented the monitoring system to align with the new service levels, replacing impersonal infrastructure metrics
- Migrated the monitoring stack from self-hosted ELK/Prometheus clusters to the Sage platform
- Developed and maintained a load-balancing system based on Envoy, enabling seamless configuration changes and traffic management without request losses
- Provided clients with a set of SDKs for ACL, Logging, Metrics, Profiling, and Swagger

DevOps/SRE Engineer

Sep. 2019 – Feb. 2021

Tinkoff

Moscow

- Migrated from TeamCity and Bitbucket to GitLab
- Scaled service load by more than 10 times
- Prepared and initiated the migration plan from Rancher to Kubernetes (K8s)
- Optimized the team's codebase into a unified CLI tool for independent use at each pipeline stage
- Developed and implemented tools for canary releases, significantly reducing production incidents
- Created a user-friendly repository service with configuration files for over 30 services, enabling easy addition and deployment of new services
- Maintained a self-hosted monitoring stack using ELK, Prometheus, and Zipkin

Technical Support Team Lead

May 2017 – 2019

Tinkoff

Moscow

- Technical support / Incident manager and team lead of 15 people, we are supported by the bank site, mobile apps and payment services
- Created a unified documentation database and established the practice of regular updates
- Organized the incident escalation process
- Developed a training system for new employees

Technical Support Engineer

Oct. 2016 – May 2017

AiTi

Moscow

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EDUCATION

National Research Nuclear University

Moscow

Bachelor of Computer and Information Systems Security/Information Assurance

Aug. 2011 – Jul 2015

TECHNICAL SKILLS

Languages: Python, Java, Go

Monitoring: Prometheus, VictoriaMetrics, Grafana, Loki, ELK, OpenTelemetry

Automatization: Bash, JsonNet

Deploy process / Delivery: Gitlab, Teamcity

Infrastructure: Kubernetes, Helm, Kustomize, Terrafor

Practice: Incident management, Postmortems