

Maksim Samoilov
Senior Site Reliability Engineer
[LinkedIn](#)

[+995 595 001 284](#)
job@nitive.me

Georgia
Looking for relocation to Germany

PROFILE

Site Reliability Engineer with 6+ years of experience in SRE/DevOps, 10+ years of experience in programming. I have a massive expertise in Kubernetes and highly available cloud infrastructure, including AWS and GCP, while also being proficient in programming.

KEY SKILLS

Kubernetes: Operators/Controllers, Helm, CoreDNS, OpenShift, Istio, Envoy	Security: Teleport, Hashicorp Vault, OPA Gatekeeper, Kyverno, jspolicy, Sonar, Trivy, WAF, NGFW, Semgrep, CodeQL, Falco	English: fluent, C1 Russian: Native German: A1, actively learning
GitOps: ArgoCD, Flux, Terraform, Pulumi		
CI/CD: GitHub Actions, GitLab Pipelines, AWS CodeBuild, Jenkins, Ansible	Programming: Node.js, JavaScript, TypeScript, Go, Python, Bash	
Monitoring: Prometheus, Grafana, Loki, ELK, PagerDuty, DataDog, Cloudwatch, Vector, FluentBit	Databases: PostgreSQL, MongoDB, Redis, MySQL, ElasticSearch, OpenSearch	
Clouds: AWS, GCP, DigitalOcean, Yandex	Tests: Jest, Vitest, Pytest	
Containers: Docker, Docker Compose, Docker Swarm, containerd	Other: Git, Linux, Nginx	

CAREER HISTORY

Senior Site Reliability Engineer Central University	2024 — Till Now
---	------------------------

- Learning Management System with a large-scale microservices architecture
- Lead the migration of microservices to Kubernetes, improving security, observability, and resilience of services, resulting in 9 times fewer quarterly outages, using Terraform, ArgoCD for GitOps, ELK, and Prometheus for monitoring
 - Implemented a zero-trust security model with security engineers to have a clearly visible access model and just-in-time access requests, using Teleport, Hashicorp Vault, OPA Gatekeeper, Trivy, Semgrep, WAF, and NGFW
 - Designed cloud architecture allowing fast and secure deployment of new services, allowing to avoid the long approval process for new services, and reducing their deployment time from weeks to hours, using cloud-level network separation and strictly audited access points
 - Automated routine tasks, reducing engineers' time on support by 90%, using Python, Go, and Kubernetes operators

Senior Site Reliability Engineer Gauss Money	2024
--	-------------

- Fintech startup in the US market with a microservices architecture
- Designed cost-efficient cloud architecture in the condition of limited resources, allowing the

business to grow rapidly, and making cloud infrastructure cost 2.5 times lower, using AWS services such as EKS, Cloudwatch, CloudBuild, and RDS

- Introduced the Infrastructure as a Code ideology, allowing to achieve complete control over cloud resources and to move fast using Pulumi and Kubernetes
- Implemented preview environments, speeding up the release cycle using Pulumi, TypeScript, and GitHub Actions

Site Reliability Engineer / Backend Developer

2023 — 2024

NDA project

Practice management system in a Health Tech product in the US market

- Integrated the monitoring and log system, achieving a reduction in time to fix bugs from days to minutes, or often preventing bugs in the first place. We used the DataDog stack, including metrics, tracing, and logs
- Implemented data processing and error recovery for heavy operations like marketing campaigns, allowing a fast recovery and observability on every perspective from the whole company to every individual customer, using AWS SQS and Netflix Conductor

Site Reliability Engineer

2019 — 2023

CSSSR

Mid-sized outsourcing/product company

- Implemented a scalable deployment management system, allowing setting up new projects in a few minutes and enforcing security practices among them, yet allowing flexible configuration for individual projects. We were able to run and monitor 200+ projects with negligible operational cost. For development were used Kubernetes, Go, TypeScript, and React.js
- Set up and configured a monitoring and logging system, providing observability over workloads, using Prometheus, Grafana, Loki, and Deckhouse

Frontend Developer

2015 — 2019

CSSSR, 3+ projects

Mid-sized outsourcing/product company

- Implemented e2e testing tools and integrated them into company processes
- Developed a mobile version of a large real estate website using React.js
- Implemented the CRM frontend for technical and business support
- Participated in other frontend projects

MY TEAM ABOUT ME

- Max has an excellent outlook — he likes to deal with a lot of different technologies and can always offer some kind of tool to solve the necessary tasks
- Max's proactivity is 10 out of 10; he has a vision and many great ideas about what the project lacks and what needs to be done
- You can rely on Max for complex tasks where you need to implement a feature from start to finish: conduct research, propose a solution, share vision with the team, decompose, and finally implement the solution
- He never refuses to help someone from the team, while trying not just to give a solution, but to explain the concept/problem/technology in more depth