Denis Arslanbekov

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PROFESSIONAL SUMMARY

Principal Site Reliability Engineer with 8+ years of hands-on experience building and operating large-scale, secure, and cost-efficient infrastructure in production. Proven Kubernetes (GKE), Terraform, CI/CD, and service mesh expertise. Built and led the SRE function at ANNA Money from the ground up, achieving high availability, scalability, and full compliance with PCI-DSS and ISO 27001 standards.

- Migrated infrastructure from on-prem to GKE, enabling multi-region expansion in minutes and reducing costs
- Built an anti-DDoS and WAF-secured architecture handling 200M+ requests monthly, fully automated via Terraform
- Led GitOps and service mesh adoption (ArgoCD + Linkerd) across the org, accelerating deployments and observability
- Automated IAM for onboarding/offboarding, cutting provisioning time from hours to minutes
- Active open-source maintainer: Terraform providers for OpenVPN and SendGrid (350K+ downloads), Helm charts for Prometheus

EXPERIENCE

Principal Site Reliability Engineer, [ANNA Money](#)   May 2019 – present

- **Built and led the SRE team** from scratch; owned hiring, incident management, and technical roadmap
- Architected a scalable anti-DDoS and WAF solution processing **200M+ monthly requests**; reduced internal load balancer traffic by over **90%**
- Migrated Kubernetes from on-prem (Kubespray) to GKE, enabling full **multi-region rollout** in minutes via IaC
- Created a **zero-touch VPN + IAM** provisioning system, which led to building and maintaining the official OpenVPN Terraform provider
- Introduced service mesh (Linkerd) and GitOps (ArgoCD), improving observability and reducing incident MTTR
- Automated access management for joiners/leavers across all platforms using Terraform-based IAM workflows
- Cut monthly cloud spending via SaaS audits and vendor negotiations; drove continuous cost optimisation.
- Led compliance effort to **achieve PCI-DSS** and **ISO 27001** certification
- Owned 24/7 incident lifecycle: on-call, runbooks, postmortems, and SLO-based alerting

Site Reliability Engineer Consultant, BORA Systems   Oct 2018 – Jun 2024

- Migrated production workloads to GKE, reducing infrastructure costs by **32%** while improving SLA adherence.
- Built a fully automated environment provisioning pipeline using Terraform and Python, reducing setup time from **1 day to <30 minutes**
- Refactored legacy Jenkins pipelines into modular Groovy libraries, increasing CI stability and reducing build times.
- Introduced GitOps workflows and IaC practices across client teams, increasing release confidence and auditability
- Provided architecture consulting on container orchestration, logging/monitoring, and deployment pipelines
- **Trained 15+ engineers** on DevOps best practices, Terraform modules, and secure deployment standards

Senior Site Reliability Engineer, QuadCode   Nov 2016 – Aug 2019

- Designed and deployed bare-metal Kubernetes clusters using Kubespray and Ansible for low-latency trading workloads
- Built a self-service test environment platform used by 20+ developers; reduced environment setup time by **70%**
- Developed a custom Go-based inventory tracking system collecting real-time server and asset metadata across DCs
- Standardised infrastructure provisioning with modular Ansible playbooks, ensuring reproducibility and reducing manual overhead
- Implemented secure internal service networking and automated TLS issuance for internal apps

Site Reliability Engineer, Semrush   **Mar 2016 – Nov 2016**

- Led company-wide Docker adoption for legacy applications, enabling modern CI/CD and reducing environment drift
- Managed CI/CD infrastructure for 250+ servers and 26 product teams; reduced release cycle from days to hours
- Migrated pipelines to Travis CI and TeamCity, improving test reliability and deployment visibility.
- Built a custom internal monitoring solution to detect anomalies in pre-production and reduce the incident rate
- Worked cross-functionally with QA and infrastructure to establish testing environments for microservices

PROJECTS
Terraform Providers
- **SendGrid** - Author & Maintainer
  350,000+ downloads, supports API keys, alerts, verified senders and user management
  [GitHub](#)
- **OpenVPN CloudConnexa** – Official Contributor
  Featured in [OpenVPN Blog](#)
  Maintainer of both the provider and official Go SDK.
  [GitHub](#) | [GitHub Go Client](#)

Monitoring & Helm
- **prometheus-fastly-exporter** - Official Contributor
  Official contributor to Prometheus Community Helm charts
  Provides Fastly metrics support via Prometheus
  [GitHub](#)

SKILLS
Core Focus
Site Reliability Engineering • Cloud Architecture • Incident Management • Infrastructure as Code • Cost Optimisation

Cloud Platforms
GCP (GKE, CloudSQL, BigQuery) • AWS (EC2, Lambda) • Azure • Kubernetes (multi-tenant production)

IaC & DevOps
Terraform (including provider dev) • ArgoCD • Helm • Jenkins (Groovy) • GitHub Actions • Ansible • Salt • Packer

Observability
Prometheus • Grafana • Linkerd • ELK • SLOs & Alerting Systems

Security & Compliance
Anti-DDoS • WAF • OpenVPN • IAM Automation • PCI-DSS • ISO 27001

Languages
Go • Python • Bash

Datastores & Queues
PostgreSQL • AlloyDB • MongoDB • RabbitMQ • Kafka

EDUCATION
Bachelor of Science - BS, Computer Science, ITMO University   **2011 – 2015**
- Specialisation: Distributed Systems, Software Engineering