

Dmitriy Rassvetalov

Platform / DevOps Lead · SRE

AWS · Kubernetes (EKS) · Terraform · Observability · FinOps automation

Limassol, Cyprus · +357 99043151 · vstahanov@gmail.com

LinkedIn: <https://linkedin.com/in/dmitriy-rassvetalov-92297458> · GitHub: <https://github.com/rassvetalov>

Public / NDA-safe note: this CV is intended for a public repository. It contains no internal domains, IDs, team/service names, exact topology, bucket names, or VPC/subnet identifiers.

Profile

DevOps/Platform engineer with **20+ years** of experience (operations, networking, infrastructure, cloud). In recent years I focus on **AWS**, **Kubernetes (EKS)**, **IaC (Terraform/Terragrunt)**, **CI/CD**, **observability**, reliability, and platform automation. I have team leadership experience and strong ownership mindset (prioritization, incident management, and collaboration with engineering teams).

Scope: a platform of **30+ EKS clusters** across <prod>/<stage>/<test> supporting services and internal products.

Key achievements

- **EKS platform @ scale (30+ clusters):** owned platform networking and adjacent subsystems (service exposure, DNS, ingress/egress, observability integrations) across <prod>/<stage>/<test>.
- **Cloudflare Zero Trust service publishing:** designed and implemented a standardized access model (applications/policies + DNS integration). Reduced secure access lead time from **1-2 business days to 10-15 minutes** (for standard onboarding), reduced manual operations by **~30%**.
- **Self-service provisioning (GitHub + Atlantis):** established a PR-driven provisioning model where engineers declare infrastructure and Atlantis applies Terraform changes. My contribution: production-ready Terraform modules for AWS and Cloudflare Zero Trust. Typical requests completed in **~30-60 minutes vs 1-2 days**, routine DevOps tickets reduced by **~30-40%**.
- **FinOps automation for perf environments:** implemented cost optimization using **Cloud Custodian** executed via **EKS CronJobs** (daily/weekly), with reports in object storage and Slack notifications via queue + mailer. Safety: **dry-run**, protection tags, and **mark-for-op** → grace period → action workflow. Savings: **~20-35% per month** (perf environments), fewer “forgotten” resources.
- **Closing provider gaps with custom tooling:** delivered custom extensions where “out of the box” tooling was not enough (e.g., custom plugin for DynamoDB GSI throughput operations; webhook API on FastAPI for unsupported actions such as some ElastiCache replication group operations), with metrics, validation, and safe defaults.
- **Observability standards (VictoriaMetrics/Prometheus/Grafana):** centralized metrics, standardized dashboards/alerts, introduced cardinality limits and control of “heavy” queries. Result: faster triage (**~20-25%**) and less alert noise (**~20-30%**).
- **Production monitoring stack (Graphite/Carbon → VictoriaMetrics):** designed and deployed a metrics platform including a **6-node go-carbon cluster (~60TB storage)**, CarbonAPI gateway, and Grafana HA (**3 replicas**) with LDAP and unified alerting.
- **Custom Prometheus exporters (Go/Python):** exporters to cover AWS metrics gaps (DynamoDB warm capacity, Kinesis shards, Service Quotas; ElastiCache baseline bandwidth/capabilities; OSIS pipelines with TTL cache and rate limiting).
- **Terraform module library (production-ready):** authored modules for account/networking/databases/app resources and endpoint monitoring (NDA-safe summary).
- **Nomad → EKS migration (as part of the team):** scope: networking and adjacent cluster subsystems; helped reduce migration risk for engineering teams.
- **Open-source contribution:** upstream PR to **aws-cost-exporter** — <https://github.com/electrolux-oss/aws-cost-exporter> — improved cost metric export/filtering for dashboards/alerting; reporting preparation improved from **~1-2 hours to 15-30 minutes**.
- **Automation/tooling:** 1000+ scripts/utilities for AWS/EKS, DB ops, monitoring, DR/backup, and provisioning (Packer/Ansible/SaltStack).

Experience

Playrix Entertainment, LLC — Limassol, Cyprus

Senior DevOps Engineer · Oct 2022 — Present

- Owned networking and adjacent subsystems for an EKS platform of **30+ clusters** (<prod>/<stage>/<test>): service exposure, DNS, ingress/egress, observability integrations.
- Designed and rolled out Cloudflare Zero Trust service publishing with standardized patterns and operational practices; reduced access lead time to **10-15 minutes** (standard onboarding).
- Built self-service provisioning (GitHub + Atlantis): Terraform modules, validation, and a “contract” for engineers; typical provisioning **~30-60 minutes**.
- Improved observability (VictoriaMetrics/Prometheus/Grafana): standards, cardinality guardrails, heavy query control; reduced noise and improved incident triage.
- Designed and operated a production metrics stack bridging legacy and modern systems (Graphite/Carbon → VictoriaMetrics), including query gateway and Grafana HA.
- Implemented FinOps automation: Cloud Custodian workflows running in EKS with reports + notifications; added extensions (plugin + webhook) where required.
- Contributed to migration work (Nomad → EKS) as part of the team, focusing on networking and adjacent platform subsystems.

IT Team Lead · Nov 2021 — Oct 2022

- Managed a team of **7 engineers**: prioritization, planning, execution tracking, people development.
- Introduced planning cadence and transparent delivery practices; formalized incident management and post-incident reviews.

Senior Network Administrator · Nov 2020 — Nov 2021

- Developed hybrid corporate networking and remote access services.
 - Increased repeatability through automation of network operations.
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NIKA LLC — Vologda, Russia

Director / Head of IT Outsourcing · Aug 2008 — Nov 2020

- Ran an IT services business (outsourcing/support), delivered **50+ projects** in automation and infrastructure.
 - Built an operations model (SLA, incidents, changes) and implemented network/security solutions for customers.
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Education

Vologda State Technical University — Automation Engineer · 2001

Languages

- Russian — native
- English — fluent