

Oleg Zhurko

Staff DevOps / SRE Engineer • Kubernetes on bare metal & cloud • moving into platform engineering

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English, German, Russian (native) • Looking for a full-time staff role owning the platform, Berlin or remote (EU)

SUMMARY

Infrastructure engineer with 15 years of building and running production systems. Owned the hybrid bare-metal + cloud platform of a programmatic ad-tech DSP handling up to 150 billion requests a day and petabytes of analytics data; with a small team, modernized the legacy infrastructure of an RTB system and **cut its costs by more than 50%**. Strongest where platforms meet hardware: **Kubernetes on bare metal and cloud, Linux internals, everything as code (Terraform, Ansible, Go operators), PostgreSQL and ClickHouse, observability**. My titles have been DevOps and SRE, but much of the work was building internal platforms. Independent since 2026, I now want to return to a hands-on staff role that owns the platform, with a focus on self-service infrastructure and AI-assisted operations instead of manual ops. Author of the open-source provisioning tool UMP.

CORE SKILLS

Platform & containers: Kubernetes (RKE2, K3s, Rancher, GKE, kops; bare metal and cloud), Cilium (eBPF native routing, kube-proxy replacement), WireGuard mesh networking, Docker, Go operators (Operator SDK)

Infrastructure as code & CI/CD: Terraform, Ansible, SaltStack, Chef; GitHub Actions, GitLab CI, Jenkins, Drone, TeamCity

Compute & edge: Bare metal (Hetzner, OVHcloud, Leaseweb, servers.com), AWS, GCP, DigitalOcean; Cloudflare, nginx; kexec-based OS provisioning

Data: PostgreSQL (WAL-G backups and point-in-time recovery), ClickHouse, MongoDB, Redis, Kafka, Elasticsearch, Druid, Hadoop (HDFS, YARN)

Observability: Prometheus, Thanos, Alertmanager, Grafana, ELK, Sentry

Languages & OS: Go, Python, Bash, Ruby; Linux (Ubuntu, Debian) internals, performance troubleshooting

EXPERIENCE

zhurko.de • Independent DevOps & Infrastructure Consultant 2020 – present

Alongside full-time roles since 2020 (during Everex mostly incident support for Turbologo); fully independent since 02/2026

- Infrastructure for product companies: **Turbologo** (AI logo maker), **PostPost** (AI social-media platform), **Thryve** (Berlin health-tech, one API for hundreds of wearables), **Go X** (e-scooter sharing in the US).
- Scope: bare-metal and cloud infrastructure, Kubernetes, CI/CD and infrastructure as code, PostgreSQL/ClickHouse operations, observability, architecture and cost reviews.

Everex • Senior DevOps Engineer

10/2023 – 02/2026

Remote • company behind Ethplorer, Binplorer and Lineplorer, public blockchain explorers for Ethereum, BNB Chain and Linea

- Ran production infrastructure for public blockchain explorers: fleets of blockchain nodes (geth and forks), chain scanners, APIs and databases (MongoDB, ClickHouse, PostgreSQL, Redis) on bare metal (OVH, Hetzner) and cloud (AWS, DigitalOcean) behind Cloudflare.
- Developed an internal platform for automated multi-chain deployment of the explorer stack with Kubernetes (Rancher), custom Go operators (Operator SDK), Terraform and Ansible, so launching an explorer for a new chain becomes a declarative, repeatable deployment.
- Kept nodes and scanners reliable: monitoring with Prometheus/Thanos, Alertmanager, Grafana, ELK and Sentry; incident response, recovery of nodes after data corruption, patching blockchain client software in Go.
- Took over and evolved legacy PHP/Node.js services: automation, performance and security hardening, CI/CD on Jenkins.

LiquidM Technology GmbH / Equativ (formerly Smart AdServer) • Staff DevOps Engineer

01/2020 – 10/2023

Berlin • programmatic demand-side platform (DSP) on hybrid bare metal + cloud

- Owned the hybrid “bare-metal cloud” behind a DSP processing **up to 150 billion requests a day**, producing up to 1.5 billion bids and 50–70 million ad impressions daily.
- Capacity planning and operation of a multi-provider server fleet (Leaseweb, servers.com, OVH, Hetzner) combined with AWS, GCE and CDN capacity from additional ISPs.
- Ran **petabyte-scale** analytics storage and pipelines (Hadoop HDFS/YARN, Druid, Kafka) feeding customer reporting.
- Drove the migration from legacy Chef-managed infrastructure to Kubernetes in hybrid mode (bare metal + cloud) and set up CI/CD on Drone and Docker.

Stack: Go, Ruby, Kubernetes, Chef, PostgreSQL, Kafka, Druid, Hadoop, ELK, Prometheus, Sensu, Nagios, Grafana, nginx, AWS, GCE

Berlin · mobility platform on AWS

- Took over ownership of the AWS infrastructure and migrated services from hand-maintained scripts and ECS to Kubernetes (kops).
- Reworked CI/CD pipelines to speed up delivery and brought downtime from platform upgrades **to zero**.
- Infrastructure as code with Terraform and SaltStack; service discovery with Consul and etcd; observability with ELK, TICK and Grafana/Graphite.

Stack: AWS (EC2, ECS/ECR, RDS, S3, Route 53), Python, Ruby, PostgreSQL/Redshift, MySQL, MongoDB, Redis, TeamCity, OpenVPN, strongSwan

Virool Inc. · Senior DevOps Engineer

09/2015 – 09/2017

San Francisco / Saint Petersburg · video advertising platform (RTB)

- Migrated infrastructure from Rackspace to servers.com bare metal and AWS, expanding into US, EMEA and APAC regions.
- Moved services onto Kubernetes on a hybrid cloud + bare-metal fleet; migrated configuration management from Chef to SaltStack and automated releases.
- Built environments for high-load ad-tech services: real-time bidding, data and analytics (Spark standalone and on EMR, Druid).

EARLIER EXPERIENCE (2011 – 2015)

- **Plamee**, Saint Petersburg · DevOps Engineer · 2014–2015 — built game-server and analytics infrastructure from scratch: SaltStack + Docker release management, 10-node Cloudera (CDH5) Hadoop cluster with Spark, Hive and Impala, ELK, CI on TeamCity, Jenkins and GitLab CI.
- **NGS.RU**, Novosibirsk · DevOps Engineer · 2014 — automation for LXC containers running snapshots of the production environment.
- **Playtox**, Novosibirsk · Site Reliability Engineer · 2011–2013 — grew the infrastructure behind 20+ public web projects; Chef and TeamCity pipelines, VMware ESXi and OpenVZ, performance profiling, infrastructure budgeting.

PROJECTS

UMP — Unus Mundus Provisioner (Go, Apache-2.0, 2026) · ump.zhurko.de

- Single static Go binary that installs the same base system (disk layout, users, keys, firewall, interface names) on dedicated servers and cloud VMs across Hetzner Robot & Cloud, OVHcloud, DigitalOcean, Linode and Vultr.
- No control plane: provider APIs + SSH, kexec into a RAM-resident Debian rescue image, dry-run plan before any disk is wiped, shared team state in S3, R2, Consul or Vault.

AI-assisted operations (personal R&D)

- Telegram ops bot on Claude tool use: auto-approves safe command patterns from a YAML allowlist kept in git, restricts sensitive operations to private chats, escalates complex cases from a lightweight agent to a stronger model.
- Designing a router/executor multi-agent system with MCP servers for Kubernetes, SSH, Ansible, Terraform, monitoring and git.

More on GitHub: Kubernetes operators, SaltStack formulas, CLI tools · github.com/ofzhur**EDUCATION**

Novosibirsk State University — Bachelor's degree, Mathematics and Computer Science