

Immanuel Tikhonov (DevOps engineer and Cloud engineer; with experience in SRE, DevSecOps and MLOps)

I am a certified Kubernetes Administrator with strong experience designing, deploying, managing, and scaling microservices in production environments. I have hands-on expertise with core Kubernetes capabilities, including service discovery, load balancing, and cluster operations. Below is a summary of my technical skill set:

- **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, VPC, CloudFormation, EKS, ECS), Azure, GCP
- **CI/CD Tools:** Jenkins, GitLab CI/CD, Azure DevOps, GitHub Actions, Argo CD
- **Containerization & Orchestration & etc:** Docker, Kubernetes, Helm, Istio, Cilium
- **Infrastructure as Code:** Terraform, Pulumi, Ansible, CloudFormation
- **Scripting & Programming:** Python, Bash, Go, PowerShell, Zig
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, Datadog
- **Operating Systems:** Linux (Ubuntu, CentOS, RHEL), Windows Server
- **Networking:** TCP/IP, DNS, VPNs, Load Balancing, Firewalls
- **Databases & etc:** MySQL, PostgreSQL, MongoDB, DynamoDB, Redis; Kafka, NATS

Contact info:

- kddoiw19@gmail.com
- <https://github.com/immanuwell>
- <https://www.linkedin.com/in/immanuwell>
- https://x.com/immanuel_vibe



MY EXPERIENCE:

DevOps engineer, Kubernetes administrator — october 2024 - january 2026 — Rezonit

Technologies used:

- Orchestration & GitOps: Kubernetes, Argo CD, Velero
- Infrastructure: VMware (vSphere, VCD), Linux, FreeBSD
- Automation/IaC: Terraform, Ansible, GitLab CI/CD, GitHub Actions
- Observability: Prometheus, Grafana, Loki
- Networking & Protocols: WireGuard (AmneziaWG), XRay (Reality), OpenVPN, Shadowsocks + Cloak
- Python, Bash, Go

Some business-impacting actions:

- Business Continuity: Implemented Velero for K8s backup/recovery, eliminating data loss and mitigating significant downtime costs.
- Efficiency & Reliability: Optimized cluster performance, achieving a 25% reduction in infrastructure overhead and 99.99% availability.
- Velocity: Modernized GitLab CI/CD workflows, accelerating release cycles by 60% and enhancing developer output.
- Incident Response: Streamlined troubleshooting by centralizing logs via Loki, cutting MTTR by 50%.
- Automated multi-protocol deployment: engineered Ansible playbooks and Docker-based delivery systems that significantly reduced VPN server setup time

SRE, DevOps engineer — july 2024 - october 2024 — Rees46 eCommerce

Technologies used:

- Databases (PostgreSQL, ClickHouse)
- Load balancers (Nginx, HAProxy), Jenkins, Flux CD, Kubernetes, Terraform, GitHub Actions
- Monitoring stack (Grafana, Zabbix, Elasticsearch)

Some business-impacting actions:

- Automated infrastructure provisioning using Terraform and Ansible, slashing setup time from days to less than an hour
- Optimized database performance to enhance reliability, eliminating outages that had previously led to revenue losses during high-traffic periods
- Implemented automated deployments via Flux CD and GitHub Actions, shortening release cycles from days to hours
- Introduced proactive alerting through Zabbix and Grafana, cutting incident response time by 50%

DevSecOps consultant, contract — december 2023 - january 2024 — Social Links

I was engaged as a consultant specializing in DevSecOps, OSINT, and digital forensics, contributing to a brief project involving Social Links Crimewall.

During my time at Social Links, I enhanced my expertise and skills in the following areas:

- General cybersecurity: vulnerability management and risk management; Security considerations in containerization (Docker and Kubernetes); DevSecOps principles and approaches, including Zero Trust; Common attack vectors, such as SQL injection, XSS, and CSRF

System administrator, DevOps engineer — august 2021 - december 2023 — Chuvash State University

Carried out system administrator responsibilities, including configuring connections for multiple devices on the local network, setting up various peripherals, organizing Wi-Fi networks, installing different software, and performing related tasks.