

# ALEX BETCHER

DevOps Engineer

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Experienced DevOps Engineer with the long proven record of successful projects. Vast experience in monitoring leads to zero-down-time environments and overall system stability. Automating everything is a way of life. Specializing in self-hosted Kubernetes, monitoring and cloud integrations. Seeking DevOps Engineer position

## RECENT EXPERIENCE

### SRE/DevOps engineer

Stealth mode startup | 2024-2025

Helping a stealth-mode startup to build the cost-efficient cloud infrastructure including the privately hosted version control, CI/CD, task tracker and test/production environments. It's a project work that comes to an end.

- Self-hosted K8s with a lot of integrations with AWS infrastructure using Terraform and some ad hoc automation
- Dedicated monitoring with Prometheus-Loki-Grafana stack with a lot of customizations
- Test/production environments in EKS/GKE/k3s-based Kubernetes
- CI/CD using Gitlab and Github features along with the ArgoCD pipelines for the Kubernetes deployments management with the private registry
- Plenty of automation with Github Actions building-testing-deploying containers customized for every environment
- Extensive usage of Ansible for the configuration management and various other tasks

### Devops Engineer

Agritask | 2019 - 2023

As a leading engineer in a team of two implemented the most up-to-date development and delivery techniques within the company.

- Multi-cloud (AWS, GCP, Linode, Hetzner) infrastructure for cost-efficiency and high availability.
- Gitlab CI pipeline for the product delivery including tests, e2e sandboxing, staging etc.
- Migrated everything from bare metal to Docker enhancing stability, security and deployment speed.
- Rich Ansible automation for every repeating tasks.
- Extensive monitoring with Prometheus/Grafana/Loki stack focusing on problem prevention.
- Automated security scanning and secrets rotation.
- Multi-layered backup system ensuring zero data loss even in case of catastrophic events.

### Summary of the achievements I am proud of

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- **Distibuted K8s cluster:** Built a multi-cloud, multi-continent cluster with the self-hosted K8s that will survive almost anything using Terraform and Ansible.
- **Predictive monitoring:** Having options to predict problems before they happen is a great way to save time, money and a good night's sleep.
- **VPN Service for the company(2024):** Light and fast VPN service securing all remote workers and their devices.
- **Online mall:** Static site generation pipeline for the marketplace that served millions of users with small compute footprint and lightning-fast speed.
- **Full-remote office:** Remote workspaces (MS Windows) ages before it became a mainstream (2013), remote telephony (Asterisk). Seamless comms all over the world.
- **Project management:** Leading the new web-site development as a product owner. Made this web-site a perfect selling tool which helped increase the profit at a great scale.
- **BCP/DRP:** Full-scale BCP/DRP plan for in-house 300 servers and 2000 workplaces as a part of more complex plan for the whole company.

SKILLS

IaC

Ansible, Terraform

Code

Bash, Go, Python

Security

Trivy, Clair, Falco

Containers/isolation

Docker, Vagrant, QEMU, VmWare, Kubernetes (GKE, EKS, k3s, k3d)

Cloud infrastructure

AWS, GCP, Linode, Hetzner

Monitoring

Prometheus, Grafana, Loki, LogStash, Elastic

Databases

Postgres, Mongo, Mysql, MS SQL

CI/CD

Drone, ArgoCD, Gitlab CI, Github Actions

Artifacts management

Teamcity, Artifactory, Nexus

Networking and security

Networks (cross-clouds and intercontinental), firewalls, VPNs, OAuth, IDSs

EDUCATION

State Technical University  
1999-2005



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