

Derek Milbert

PLATFORM ENGINEER

Kubernetes · GitOps · Cloud Platforms

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[LinkedIn](#) | [GitHub](#)



PROFESSIONAL PROFILE

Platform Engineer with 7+ years of hands-on infrastructure experience, including 4+ years post-qualification, currently building and operating a shared Azure/AKS platform used by multiple application teams. Established containerisation and deployment foundations before transferring day-to-day application ownership, and continue to operate the underlying Kubernetes, Terraform and GitOps platform. Looking to continue growing within platform engineering, building and operating the infrastructure that other teams build on.

PROFESSIONAL EXPERIENCE

DevOps / Cloud Infrastructure Engineer

Jun 2024 – Present

adesso SE — regulated insurance environment

Official role: Consultant

- Engineer and operate a multi-environment Azure/AKS platform using Terraform, Kubernetes and Helm, including supporting platform services such as Key Vault, ACR and API Management, spanning development, testing, integration and production environments.
- Established containerisation and deployment foundations that were subsequently handed over to application development teams.
- Operate a GitOps-based deployment model using Argo CD and Argo Workflows on top of GitLab CI/CD.
- Build and maintain Docker images, Helm charts and Kubernetes deployment configuration for multiple internal applications.
- Operate enterprise observability using Elastic Cloud — Fleet-managed agents, APM and Heartbeat uptime monitoring — including custom Painless ingest pipelines for log parsing and enrichment.
- Support production operations and cross-team troubleshooting spanning Kubernetes, Azure infrastructure, databases, networking, observability and CI/CD.

Infrastructure / DevOps Engineer

Jan 2023 – Jun 2024

CGI — international consumer brand

- Introduced and maintained infrastructure configuration management using Puppet and Ansible.
- Was entrusted with a key technical role during the production go-live of a major Magento upgrade.
- Managed application releases and production deployments through Jenkins-based CI/CD.
- Operated production infrastructure for a business-critical Magento-based e-commerce platform running on dedicated CentOS 7 physical servers with round-robin load balancing.

Infrastructure / Systems Engineering

Aug 2018 – Dec 2022

Symgenius GmbH & Co. KG

Internship → Fachinformatiker Systemintegration apprenticeship → post-qualification infrastructure role

Qualification completed June 2022

- Deployed and managed Prometheus and Node Exporter across the hosting estate for infrastructure metrics collection.
- Designed and owned a centralised monitoring platform covering 200+ VMs and 10 physical systems, including Grafana dashboards, Icinga/Slack alerting and a downsampled InfluxDB retention model across 1-, 5- and 10-year periods.
- Developed automation and configuration-management experience through Bash and Puppet.

INDEPENDENT ENGINEERING

Independently design and operate a small private platform — supporting services, source control, monitoring and hosting — mirroring the shared-platform ownership model applied professionally.

Linux · GitLab · BookStack · Grafana · Prometheus · Loki · Plesk · Cloudflare

ToolboxLane PRODUCTION

Independently operate a production web platform as a real-world workload on the same private infrastructure — covering deployment, edge protection and monitoring.

CORE TECHNOLOGIES

PRIMARY	Azure · AKS · Kubernetes · Terraform · Helm · Argo CD · Argo Workflows · GitOps · Traefik · Elastic Cloud
SUPPORTING	GitLab CI/CD · SQL Server · Azure SQL MI · Linux · Prometheus · Grafana

EDUCATION

Fachinformatiker für Systemintegration

Symgenius GmbH & Co. KG · Qualification completed June 2022

LANGUAGES

English (Fluent) · German (B2 Certified) · Afrikaans (Fluent)

HOBBIES

Gaming · Leather working · Bookbinding · Reading · Screenprinting · Laser cutting/engraving crafts