

Derek Milbert

INFRASTRUCTURE ENGINEER

Linux · Automation · Cloud · Platform Operations

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



PROFESSIONAL PROFILE

Infrastructure Engineer with 7+ years of hands-on infrastructure experience, including 4+ years post-qualification, spanning physical and virtual Linux systems, hosting, automation and monitoring through to Azure, Kubernetes, Terraform and GitOps. Currently operating multi-environment enterprise infrastructure across cloud, platform, observability and database layers. Looking to continue growing within infrastructure and platform engineering roles that combine broad technical ownership with production reliability.

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.
- Support production operations and cross-team troubleshooting spanning Kubernetes, Azure infrastructure, databases, networking, observability and CI/CD.
- Operate a GitOps-based deployment model using Argo CD and Argo Workflows on top of GitLab CI/CD.
- Established containerisation and deployment foundations that were subsequently handed over to application development teams.
- Build and maintain Docker images, Helm charts and Kubernetes deployment configuration for multiple internal applications.
- Administer and troubleshoot the Linux-based tooling and container runtime layers underpinning the AKS platform.
- Manage cloud-native secrets and integrations using Azure Key Vault and Kubernetes-based secret-management patterns.

Infrastructure / DevOps Engineer

Jan 2023 – Jun 2024

CGI — international consumer brand

- Operated production infrastructure for a business-critical Magento-based e-commerce platform running on dedicated CentOS 7 physical servers with round-robin load balancing.
- Introduced and maintained infrastructure configuration management using Puppet and Ansible.
- Performed production incident investigation and troubleshooting across Linux, application, deployment, logging and infrastructure layers.
- Administered dedicated physical CentOS 7 servers, including OS-level configuration and troubleshooting.
- Was entrusted with a key technical role during the production go-live of a major Magento upgrade.

Infrastructure / Systems Engineering

Aug 2018 – Dec 2022

Symgenius GmbH & Co. KG

Internship → [Fachinformatiker Systemintegration](#) apprenticeship → [post-qualification infrastructure role](#)

Qualification completed June 2022

- Administered production Linux systems — physical and virtual — across hosting, web, DNS, mail and storage infrastructure.
- Managed physical server lifecycle activities including installation, component replacement, diagnostics and RAID, alongside Proxmox/Virtuozzo virtual infrastructure.
- Developed automation and configuration-management experience through Bash and Puppet.
- Deployed and managed Prometheus and Node Exporter across the hosting estate for infrastructure metrics collection.

INDEPENDENT ENGINEERING

Design and operate private Linux infrastructure supporting self-hosted source control, CI, documentation, monitoring, logging and production web hosting.

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

ToolboxLane PRODUCTION

Independently developed and operate a production web utilities platform, including application development, deployment, hosting, DNS/TLS, edge protection and monitoring.

CORE TECHNOLOGIES

PRIMARY	Linux · Azure · AKS · Kubernetes · Terraform · Helm · GitLab CI/CD · Grafana · Prometheus · Elastic · SQL Server
SUPPORTING	Ansible · Puppet · Jenkins · Plesk · Proxmox · Virtuoizzo

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