

Derek Milbert

LINUX SYSTEMS ADMINISTRATOR

Linux · Hosting · Virtualisation · Monitoring

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



PROFESSIONAL PROFILE

Linux Systems Administrator with 7+ years of hands-on infrastructure experience, including 4+ years post-qualification, built on a strong foundation of Linux administration, web hosting, virtualisation and hardware operations. Extensive experience with monitoring, DNS/mail/storage services and configuration management, with additional current experience across Azure and Kubernetes. Looking to continue applying and deepening Linux and systems expertise within infrastructure-focused teams.

PROFESSIONAL EXPERIENCE

DevOps / Cloud Infrastructure Engineer

Jun 2024 – Present

adesso SE — regulated insurance environment

Official role: Consultant

- Administer and troubleshoot the Linux-based tooling and container runtime layers underpinning the AKS platform.
- Support production operations and cross-team troubleshooting spanning Kubernetes, Azure infrastructure, databases, networking, observability and CI/CD.
- 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.
- Administer Microsoft SQL Server / Azure SQL Managed Instance database infrastructure, including Liquibase-based deployment workflows and SQL Server CDC integrations supporting downstream Microsoft Fabric data processing.

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.
- Administered dedicated physical CentOS 7 servers, including OS-level configuration and troubleshooting.
- Performed production incident investigation and troubleshooting across Linux, application, deployment, logging and infrastructure layers.
- Managed application releases and production deployments through Jenkins-based CI/CD.
- Introduced and maintained infrastructure configuration management using Puppet and Ansible.

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.
- 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

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

Production web platform hosted and operated on privately managed Linux infrastructure.

CORE TECHNOLOGIES

PRIMARY	Linux · AlmaLinux · Rocky Linux · CentOS · Debian · Ubuntu · Plesk · Nginx · Apache · DNS · Proxmox · Virtuoizzo · Prometheus · Grafana · Bash · Puppet
SUPPORTING	Ansible · Postfix · MariaDB · Elastic Stack · Icinga · InfluxDB
ADDITIONAL	Azure · Kubernetes · Terraform

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