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PERSONAL PROFILE

Senior Freelance DevOps & Platform Engineer with more than ten years of professional experience across software engineering, Linux infrastructure and cloud-native platforms. My work focuses on Kubernetes and platform engineering, Infrastructure as Code, CI/CD and release engineering, observability, cloud infrastructure and Linux platform engineering.

I work closely with development teams to build and evolve platforms, automate infrastructure and delivery processes, support migrations and solve problems across software, infrastructure and operations. I value clear communication, raise challenges early and focus on practical, maintainable solutions.

CORE EXPERTISE

Platform Engineering • DevOps • Kubernetes • GitOps • Cloud Infrastructure
CI/CD & Release Engineering • Infrastructure as Code • Observability • Linux Platform Engineering

TECHNOLOGIES

Container Platforms & Orchestration

Kubernetes (AKS, EKS, self-managed) • Helm • FluxCD
ArgoCD • Istio • Docker • Podman

Cloud Platforms & Infrastructure

Azure • AWS • OpenStack (prev. production experience)

Infrastructure as Code & Automation

Terraform • Ansible • Python • Bash • Kustomize

Observability

OpenTelemetry • Dynatrace • Prometheus
Grafana • ELK • fluentbit • Jaeger • Sentry

CI/CD

GitLab • Jenkins • RPM packaging

Linux Platform Engineering

Rocky Linux • RHEL • Debian • Alpine • packaging
monitoring • networking • Secure Boot

SELECTED PROJECTS

10/2025 – 06/2026

Release Engineering and Cloud Platform Observability for Point-of-Sale Systems

GEBIT Solutions GmbH – Düsseldorf, Germany

- developed concepts and infrastructure for structured logging, metrics and centralized data collection for cloud services and POS systems using OpenTelemetry and Dynatrace
- designed and optimized CI/CD pipelines and release processes for cloud and POS software, allowing confined and staged deployments
- designed and implemented automated Secure Boot certificate integration for Linux based POS systems for custom Kernel modules
- developed reusable Jenkins pipeline templates for automated RPM packaging of third-party software and drivers
- supported resilience testing and troubleshooting of production and test environments

Tools/Technologies: Kubernetes, Helm, Jenkins, OpenTelemetry, Dynatrace, Azure, Ansible, Secure Boot, RPM, Rocky Linux

10/2024 – 05/2025

Cloud Platform Migration and Point-of-Sale Infrastructure Automation

HORNBACH Baumarkt AG – Bornheim, Germany

- supported setting up a modern, secure cloud infrastructure stack on Microsoft Azure
- implemented GitOps workflows with Flux, GitLab and Jenkins and enabled software development teams
- planned, coordinated and supported the migration of cloud infrastructure
- implemented ansible roles and bash scripts for automated installation and configuration of Linux-based POS systems
- built tooling for automated creation and management of customized RPM repositories supporting controlled software releases
- collaborated with platform, cloud, software engineering, security and networking teams

Tools/Technologies: Terraform, Azure, Kubernetes, Flux, Istio, Helm, Ansible, Python, Jenkins, Postgres, Podman, RPM

09/2023 – 04/2024

Linux Platform Engineering for Point-of-Sale Systems

GEBIT Solutions GmbH – Düsseldorf, Germany

- developed reusable Ansible roles and bash scripts for provisioning Linux-based POS systems
- analyzed and fixed issues between the POS hardware, the operating system (OS) and the POS applications
- designed a staged release strategy for operating system and POS software packages to improve release quality and traceability
- contributed to concepts for software rollout, system maintenance, operations, security and networking
- designed and implemented Jenkins pipelines for automated operating system and software builds
- developed a proof of concept to enable NFC based authentication on Linux using passkeys
- collaborated with DevOps, software development, security and network teams

Tools/Technologies: ansible, Rocky Linux, Jenkins, Pulp, Podman, Traefik, RPM, Passkeys, TLS, Vagrant

07/2023

Production Migration of Kubernetes Platform to AWS

PACE Telematics GmbH – Karlsruhe, Germany

- supported production migration of Kubernetes infrastructure from on-premise to AWS
- coordinated migration activities to ensure minimal downtime
- collaborated with DevOps engineers during production cutover

Tools/Technologies: AWS, kubernetes, terraform, ansible, PostgreSQL

03/2023 – 05/2023

Migration of Kubernetes Platform and on-premise Infrastructure to AWS

PACE Telematics GmbH – Karlsruhe, Germany

- prepared Kubernetes-based development and sandbox environments of the PACE Connected Fueling platform for migration to AWS
- implemented infrastructure following Infrastructure as Code principles using Terraform and Ansible
- analyzed on-premise infrastructure and prepared migration runbooks for services, databases, storage, VPN connection, ..
- supported migration of Kubernetes workloads and infrastructure to AWS with minimal downtime
- collaborated closely with DevOps and software engineering teams

Tools/Technologies: AWS, kubernetes, terraform, ansible, GitLab, OpenStack, nginx, PostgreSQL, Keycloak, prometheus, IPsec

EARLIER PROFESSIONAL EXPERIENCE

- 2019 – 2022 **DevOps Engineer | PACE Telematics GmbH – Karlsruhe, Germany**
Platform engineering and operations for OpenStack, Kubernetes and cloud-native services;
infrastructure automation, observability, IAM, databases and developer enablement.
- 2018 – 2019 **Software Engineer | BELLIN GmbH – Karlsruhe, Germany**
Kubernetes, Jenkins, CI/CD, git, Bitbucket, .NET, Docker, SonarQube
- 2016 – 2018 **Software Engineer | Sophos Technology GmbH – Karlsruhe, Germany**
AWS, Golang, Kubernetes, ansible, terraform, Jenkins, networking

LANGUAGES

- German (Native)
- English (Fluent)

EDUCATION

Master of Science (Physics) | Karlsruher Institute for Technology – Karlsruhe, Germany