

CAREER PROFILE

Moin! My name is Niclas and I am a DevOps Engineer with 5 years of experience in Kubernetes, automation, CI/CD and more.

EXPERIENCES

DevOps Engineer 2022 - present
Tallence AG, Hamburg

Planning and creating Kubernetes clusters on public Clouds (AWS,GCP,Azure) based on Gitops principles for multiple customers. These were partly used as development platforms and partly as high-available production clusters. My job included everything starting from providing everything for the first `git commit` and ending at securing and hardening the supply chain and clusters.

- Kubernetes
- AWS
- Google Cloud Platform
- Terraform
- Helm
- ArgoCD
- Gitlab
- CI/CD
- Azure

DevOps Engineer 2020 - 2022
msg nexinsure ag, Hamburg

2020 I was given the opportunity to automate our application server installation. That meant automating the installation of our own software, corresponding databases and third party applications. The entire project was developed with Ansible and Terraform.

I was also commissioned to migrate our entire code base from Subversion to Git. We succesfully migrated more than 300 repostories from SVN to Git. We took that opportunity to also move on from Jenkins Jobs to Jenkins Pipelines, including our own Jenkins Library.

During and after the continuous migration from SVN to Git we also started shifting into the container and Kubernetes world. This meant deploying our legacy applications and administrating a rancher cluster.

- Kubernetes
- Helm
- ArgoCD
- CI/CD (Maven, Jenkins Library, Groovy, Bash, Nexus)
- Ansible
- Building Docker images for our software builds and application servers
- Grafana/Prometheus monitoring and alerting with Alertmanager
- Administration of hundreds of application servers (JBoss/Wildfly, WebSphere)
- Database administration (PostgreSQL, Oracle, DB2)
- Continuous migration from SVN to Git (Bitbucket) of 1.5M+ commits and more than 300 Git Repositories. Including the entire history and infrastructure (Nexus/Jenkins/Bitbucket etc.)

Associate IT Consultant 2019 - 2020
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My first year mainly consisted of learning the internal software development process from scratch. Our team was involved in every part of the process. From the first commit and push to the repository, through the following deployment to our artifact repository and the deployment to our and the customers different application servers we were responsible for the entire continuous integration. We also installed and administrated the different test-, dev- and prod-stages and administrated the entire infrastructure related to our development process and build pipeline.

I also decided to rebuild our monitoring stack and used a Prometheus/Grafana/Alertmanager stack for this purpose.

- Installation, configuration, administration and troubleshooting for hundreds of Jboss/Wildfly/WebSphere/Liberty Application Servers on Linux and Windows machines
- Installation, configuration, administration and troubleshooting for PostgreSQL, Oracle and DB2
- CI Pipelines with Jenkins and SVN
- Monitoring the infrastructure and alert management with Prometheus/Alertmanager/Grafana
- Automated releasing and branching with Maven, Git, SVN, Bash Scripting, Jenkins and Nexus Artefact Repository. Including databases.

IT systems technician 2015 - 2019
Heinrich von Allwörden GmbH, Mölln

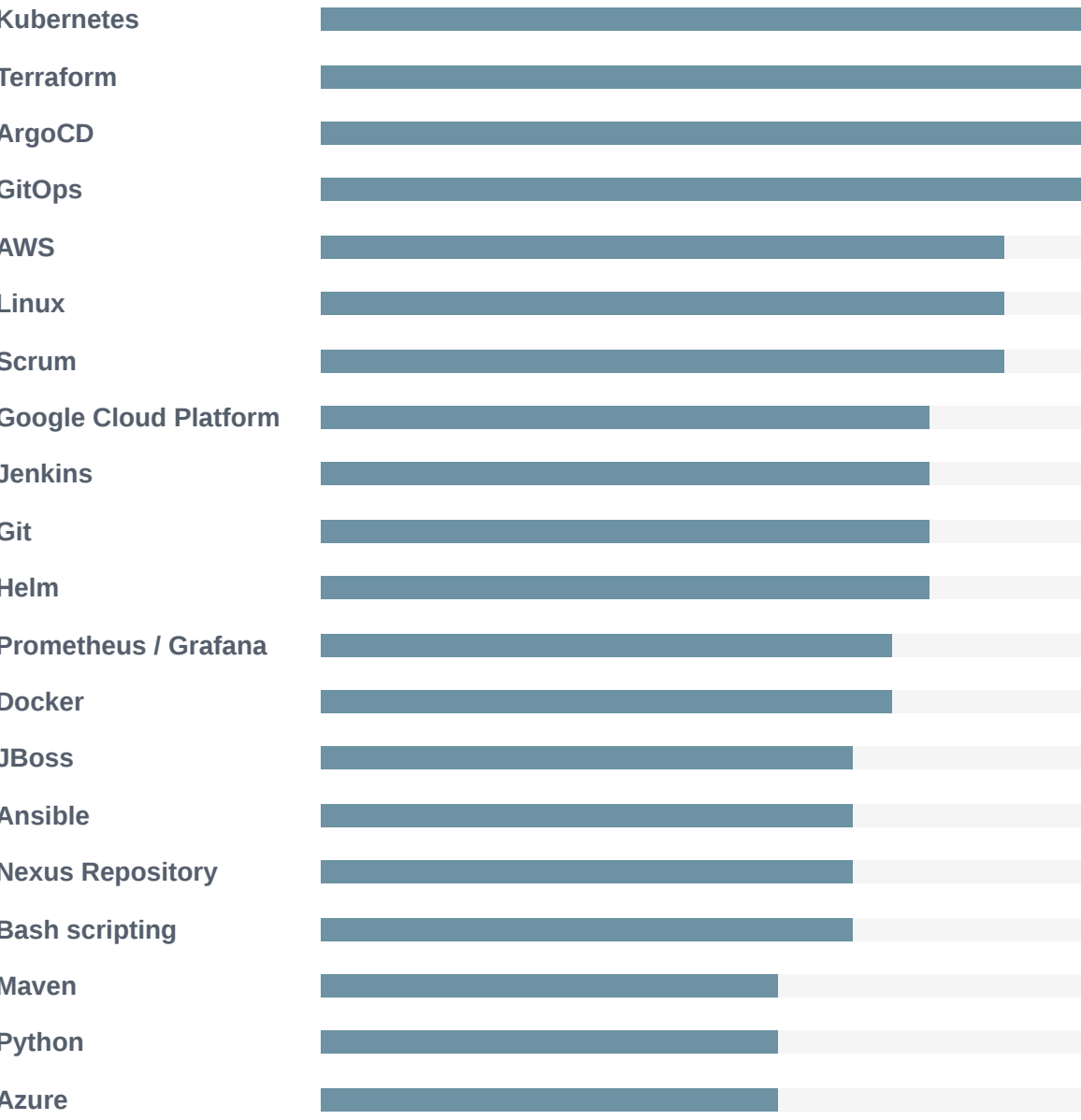
During my 4 years at the company I was responsible for the administration of the Windows office infrastructure. We also managed the factory network and cash systems in more than 400 stores.

- Windows administration
- Factory network supervision
- Vectron cash system administration and installation
- Succesfully transitioned the entire office infrastructure from Windows to IgelOS virtual desktops (finals project)

CERTIFICATIONS

- Certified Kubernetes Security Specialist
Cloud Native Computing Foundation
February 04, 2024
- Certified Kubernetes Administrator
Cloud Native Computing Foundation
September 23, 2023
- Certified Kubernetes Application Developer
Cloud Native Computing Foundation
September 11, 2022
- Massachusetts Institute of Technology 6.00.1x: Introduction to Computer Science and Programming Using Python
MITx, W. Eric L. Grimson
October 29, 2021

SKILLS & PROFICIENCY



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DevOps Engineer

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LANGUAGES

German (Native)

English (Fluent)

INTERESTS

Homelab

Diving

Reading

Cooking