

# Markus Weber

Berlin, Germany

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## Education

Technical University of Berlin

Master of Science in Computer Science

Oct 2018 – Sep 2020 | Berlin, Germany

GPA: 1.3/1.0 (German grading system, 1.0 is best)

Activities: Docker Berlin Meetup Organizer, Cloud Native Computing Foundation Student Ambassador, DevOps Workshop Instructor

Relevant Coursework: Cloud Computing, Container Orchestration, Infrastructure as Code, Site Reliability Engineering, Distributed Systems, Network Security, Monitoring and Observability

Bachelor's Degree: B.Sc. in Computer Science, RWTH Aachen, Grade: 1.7/1.0

## Work Experience

Site Reliability Engineer | SoundCloud | Oct 2020 - Present | Berlin, Germany

- Designed and implemented multi-region Kubernetes clusters improving global service availability to 99.99%.
- Built comprehensive observability stack using Prometheus, Grafana, and Jaeger reducing MTTR by 65%.
- Automated infrastructure provisioning with Terraform and Ansible, enabling deployment of new environments in under 30 minutes.
- Implemented chaos engineering practices identifying and resolving 25+ potential failure points before they impacted users.

## Skills

DevOps/SRE: Kubernetes, Docker, Terraform, Ansible, Helm, Istio, ArgoCD

Cloud Platforms: AWS, GCP, Azure, DigitalOcean, Hetzner

Monitoring: Prometheus, Grafana, Datadog, ELK Stack, Jaeger, New Relic

Infrastructure: Load Balancing, Auto Scaling, Networking, Storage Solutions, CDN

Reliability: SLOs/SLIs, Error Budgets, Chaos Engineering, Disaster Recovery, High

Availability

Automation: CI/CD Pipelines, GitOps, GitHub Actions, Jenkins, CircleCI

Other: Linux Administration, Bash Scripting, Python, Go, Security Practices, Cost Optimization

## **Certificates**

Certified Kubernetes Administrator (CKA)

AWS Certified DevOps Engineer – Professional

Google Cloud Professional DevOps Engineer

Site Reliability Engineering (SRE) Foundation

## **Awards**

SoundCloud Technical Excellence Award 2023

Best Infrastructure Design – Berlin Tech Summit 2022

CNCF Open Source Contributor Recognition 2021