



Katharina Burchin

Cloud Engineer

Berlin, Germany katharinaburchina@gmail.com

Summary

Transitioning from arts and caregiving into Cloud & DevOps, I bring creativity, empathy and structured problem-solving to technical environments. With a background in multimedia production and project coordination, I have led interdisciplinary projects from concept to delivery.

In cloud engineering, I've deployed AWS infrastructure using Terraform, containerized workloads with Docker, and set up monitoring and logging solutions. I am now focusing on deepening my skills in cloud-native architecture, Kubernetes, automation and GitOps while contributing to reliable, well-designed infrastructure.

Education

Masterschool

Software Engineering: Cloud Engineering

Sep 2024 - Nov 2025

Online Training Program

- Currently enrolled in an intense 14-month Software Engineering training in a global network of schools initiated by industry tech leaders.
- Acquired advanced skills in Python, AWS, Web Applications, OOP, Databases, SQL, Linux, Flask, and Cloud Engineering technologies.

Humboldt University of Berlin

Musicology and Art History

Oct 2016 - Oct 2023

Bachelor of Arts (B.A.)

Bauhaus University, Weimar

Sculpture, Installation, Object

Oct 2020 - Apr 2022

Fine Arts Diploma

Projects

GroceryMate - E-Commerce App

Mar 2025 - Sep 2025

[GitHub](#)

- Designed and deployed the full-stack application on AWS using Terraform, EC2, RDS, S3, IAM, CloudWatch, and ECR.
- Implemented IaC principles and monitoring with CloudWatch, demonstrating best practices for cloud reliability and scalability.

Python, Flask, React.js, PostgreSQL, Docker, Terraform, AWS (EC2, S3, RDS, IAM, Lambda)

Experience

webeet.io

Sep 2025 – Nov 2025

Cloud & DevOps Intern (Masterschool Program)

Remote

<https://www.webeet.io/>

- Built and maintained infrastructure in AWS using Terraform (VPC, DNS records, modules, cross-service integration).
- Contributed to the observability stack (Prometheus, Grafana, Loki) and supported debugging of platform-wide issues.
- Worked with Docker, CI/CD (GitHub Actions), and cross-team collaboration to resolve merge conflicts, improve reliability, and support documentation/handovers.

Filmgesichter & Im-Off

Jun 2015 - Present

Background Actress, Freelance Director & Producer

Berlin, Germany

- Participated in over 50 film and TV productions, contributing to high-volume shoots under tight schedules with consistent on-set reliability.
- Directed, produced, and oversaw all aspects of 11+ independent film productions, from concept development and team coordination to editing and post-production, delivering cohesive artistic works that integrate performance, sound, and visual storytelling.

Private Households, Lebenswege GmbH

Jan 2013 – Apr 2024

Personal Assistant for Handicapped Individuals

Berlin, Germany

- Supported daily living activities, mobility, and care routines for over 10 individuals with disabilities in both full-time and part-time roles, fostering autonomy and stability in their day-to-day lives.

Careship, Notmütterdienst, Haus im Brühl

Jan 2011 – Dec 2024

Home Carer, Nurse

Berlin & Erfurt, Germany

- Delivered compassionate senior care and basic medical support across 20 households, ensuring comfort and continuity in home-based environments.

Profiles

[Katharina Burchin](#)

LinkedIn

[KatinkaBu](#)

GitHub

[Katharina Burchin](#)

Portfolio

Technical Skills

Cloud & Infrastructure

AWS (Intermediate): EC2, S3, RDS (PostgreSQL/MySQL), VPC, IAM, ALB, ECR, Infrastructure as Code: Terraform, Containers: Docker, Kubernetes/OpenShift (Basics - GitOps familiarity), Security & Monitoring: IAM roles, Security Groups, CloudWatch (logs/alarms), Static Analysis / Security Tools: Staticcheck, Gosec

Programming & Development

Python, Go, Web: HTML, CSS, Concepts: Object-Oriented Programming (OOP), Testing: Pytest, Unitest

Tools & Workflows

Version Control: Git, GitHub, CI/CD: GitHub Actions, Agile: Scrum, Creative Tools: DaVinci Resolve, Ableton Live, Adobe Suite (Premiere/Photoshop)

Certifications

AWS Certified Cloud Practitioner (expected Jan 2026)

[Amazon Web Services](#)

Soft Skills

Empathetic Communicator

Detail Oriented Problem Solver

Proactive Collaborator

Languages

German

Native

Russian

Native

English

C2

French

A2