Katharina Burchin
Cloud Engineer

Berlin, Germany   +49 177 9255229   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   Sep 2024 - Nov 2025
Software Engineering: Cloud Engineering   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   Oct 2016 - Oct 2023
Musicology and Art History   Bachelor of Arts (B.A.)

Bauhaus University, Weimar   Oct 2020 - Apr 2022
Sculpture, Installation, Object   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

Kosmoscat
YouTube

Katharina Burchin
Artworks

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, Unittest

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 Nov 2025**
Amazon Web Services

**PCAP – Certified Associate in Python Programming
Expected Feb 2026**
Python Institute

Soft Skills

Empathetic Communicator

Detail Oriented Problem Solver

Proactive Collaborator

Languages

German
Native

Russian
Native

English
C2

French
A2