



# Katharina Burchin

Cloud Engineer

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## 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

|  |                            |
|--|----------------------------|
| <b>Masterschool</b>  | <b>Sep 2024 - Nov 2025</b> |
| Software Engineering: Cloud Engineering  | Online Training Program    |
| <ul style="list-style-type: none"><li>Currently enrolled in an intense 14-month Software Engineering training in a global network of schools initiated by industry tech leaders.</li><li>Acquired advanced skills in Python, AWS, Web Applications, OOP, Databases, SQL, Linux, Flask, and Cloud Engineering technologies.</li></ul> |                            |

|                                      |                            |
|--------------------------------------|----------------------------|
| <b>Humboldt University of Berlin</b> | <b>Oct 2016 - Oct 2023</b> |
| Musicology and Art History           | Bachelor of Arts (B.A.)    |

|                                   |                            |
|-----------------------------------|----------------------------|
| <b>Bauhaus University, Weimar</b> | <b>Oct 2020 - Apr 2022</b> |
| Sculpture, Installation, Object   | Fine Arts Diploma          |

## Projects

|   |                            |
|---|----------------------------|
| <b>GroceryMate - E-Commerce App</b>   | <b>Mar 2025 - Sep 2025</b> |
| <a href="#">GitHub</a>  |                            |
| <ul style="list-style-type: none"><li>Designed and deployed the full-stack application on AWS using Terraform, EC2, RDS, S3, IAM, CloudWatch, and ECR.</li><li>Implemented IaC principles and monitoring with CloudWatch, demonstrating best practices for cloud reliability and scalability.</li></ul> |                            |

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

## Experience

|   |                            |
|---|----------------------------|
| <b>webeet.io</b>  | <b>Sep 2025 – Nov 2025</b> |
| Cloud & DevOps Intern (Masterschool Program)  | Remote                     |
| <a href="https://www.webeet.io/">https://www.webeet.io/</a>   |                            |
| <ul style="list-style-type: none"><li>Built and maintained infrastructure in AWS using Terraform (VPC, DNS records, modules, cross-service integration).</li><li>Contributed to the observability stack (Prometheus, Grafana, Loki) and supported debugging of platform-wide issues.</li><li>Worked with Docker, CI/CD (GitHub Actions), and cross-team collaboration to resolve merge conflicts, improve reliability, and support documentation/handovers.</li></ul> |                            |

|  |                           |
|--|---------------------------|
| <b>Filmgesichter &amp; Im-Off</b>  | <b>Jun 2015 - Present</b> |
| Background Actress, Freelance Director & Producer  | Berlin, Germany           |
| <ul style="list-style-type: none"><li>Participated in over 50 film and TV productions, contributing to high-volume shoots under tight schedules with consistent on-set reliability.</li><li>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.</li></ul> |                           |

|   |                            |
|---|----------------------------|
| <b>Private Households, Lebenswege GmbH</b>  | <b>Jan 2013 – Apr 2024</b> |
| Personal Assistant for Handicapped Individuals  | Berlin, Germany            |
| <ul style="list-style-type: none"><li>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.</li></ul> |                            |

|   |                            |
|---|----------------------------|
| <b>Careship, Notmütterdienst, Haus im Brühl</b>   | <b>Jan 2011 – Dec 2024</b> |
| Home Carer, Nurse   | Berlin & Erfurt, Germany   |
| <ul style="list-style-type: none"><li>Delivered compassionate senior care and basic medical support across 20 households, ensuring comfort and continuity in home-based environments.</li></ul> |                            |

## 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, 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 Jan 2026)**  
[Amazon Web Services](#)

## Soft Skills

Empathetic Communicator

Detail Oriented Problem Solver

Proactive Collaborator

## Languages

**German**  
Native

**Russian**  
Native

**English**  
C2

**French**  
A2