

Josephine Pfeiffer

📍 Zurich, CH, 8002, Switzerland ✉ hi@josie.lol ☎ +41 79 24 88 424 🌐 josie.lol 📧 pfeifferj

Professional Experience

Senior Cloud Native Consultant

RED HAT, Open Hybrid Cloud Consulting Services

Switzerland

Oct 2024 – Present

- Led technical consulting engagements, mentoring junior peers
- Served on the leadership team of the Developer Experience Community of Practice
- Achieved 10/10 customer satisfaction across surveyed engagements
- Developed new consulting offerings around AWS/cloud architecture reviews/health checks

Selected Project Experience:

- **Confidential Containers, Hyperscaler Cloud:** Set up confidential containers on multi-arch OpenShift using Intel SGX secure enclaves for runtime and IBM Z Mainframe Hyperprotect as an attestation service in a completely air-gapped environment
- **Systems Integration, Public Sector:** Developed custom operators and console plugins to integrate customer security/compliance systems and processes into cloud-native environments using Golang
- **Compliance Automation, Financial Services:** Led implementation of automated compliance remediation process, reducing manual work from 30 person-days per quarter to just 2

Cloud Native Consultant

RED HAT, Global Professional Services Platform/Cloud Architects

Switzerland

Feb 2023 – Oct 2024

- Acted as a trusted advisor to Red Hat customers, enabling engineers, project, and technical managers
- Engaged directly with clients on-site to address technical needs and strategic goals
- Led technical problem-solving initiatives, guiding system architecture, software specification, and design
- Played a critical role in testing and deployment of open-source solutions

Technical Program Manager

SYGNUM BANK, Site Reliability Engineering

Switzerland

Mar 2022 – Jan 2023

- Reduced public cloud provider bill by 12% in 3 months despite increased workloads
- Decreased time spent on repetitive ad-hoc tasks through automation, self-service tools, and runbooks by 20% quarter over quarter
- Prepared documents related to cloud strategy for internal use, auditors, and the Swiss Financial Market Supervisory Authority
- Led and coordinated activities affecting multiple teams (migrations, releases, major architecture changes)
- Planned SRE team activities in a Product Owner, Scrum Master capacity

Senior Associate, Site Reliability Engineer

SYGNUM BANK

Switzerland

Jan 2022 – Mar 2022

- Wrote automation scripts and infrastructure as code
- Performed code reviews for infrastructure as code and automation scripts
- Troubleshooted distributed systems & tools used in the Software Development Lifecycle
- Documented processes and architectures to empower self-sufficiency in dev teams and faster incident response
- Mentored junior engineers and interns

Chief Technology Officer

CAFÉ EUROPE. NEWS AGENCY

Jan 2019 – Dec 2021

- Managed a team of five remote developers
- Designed system architecture and shaped the company's digital strategy
- Redesigned newsletter system and increased deliverability from 65% to 85%
- Migrated monolith application to microservice architecture, reducing cloud provider bills by 25% and im-

proving reliability

- Planned and executed migration/rearchitecting of legacy services to the cloud
- Set up CI/CD pipelines and introduced infrastructure as code to efficiently manage different environments

Education

University of York 2023 – 2024
Master of Science in Computer Science (Cyber Security) - Merit

The Open University 2018 – 2021
Bachelor of Arts in Business Management (Innovation & Enterprise) - Upper Second Class Honours

Technical Skills

Programming Languages & Scripting: Ruby, TypeScript, Bash, Go, Python

Infrastructure as Code, Automation & CI/CD: Terraform, Ansible, Helm, GitLab CI, GitHub Actions, ArgoCD

Cloud Platforms & Technologies: AWS, Google Cloud Platform, OpenStack, OpenShift, Kubernetes

Networking & Security: Service Mesh, Cilium, NIST, CIS, PCI-DSS

Certifications

- [Google Cloud Professional Cloud Architect](#) (2025)
- [IBM z/OS Mainframe Practitioner](#) (2025)
- [Red Hat Certified Architect](#) (2024)
- [Red Hat Certified Specialist in Multi-Cluster Management](#) (2024)
- [Red Hat Certified Specialist in OpenShift Data Foundation](#) (2024)
- [Red Hat Certified OpenShift Administrator](#) (2023)
- [Red Hat Certified Specialist in Containers](#) (2023)
- [AWS Certified Security - Specialty](#) (2023)
- [Certified SAFe 5 & 6 Product Owner/Product Manager](#) (2022 & 2023)
- [AWS Certified Solutions Architect – Professional](#) (2022)
- [scrum.org Professional Scrum Master \(PSM I\)](#) (2019)

Conference Talks

Beyond CAS: Why the world needs another Kubernetes Cluster Autoscaler 2025

- [DevConf](#) - Brno

Mainframes Aren't Dead, They're Just Running Kubernetes Now 2025

- [Container Days](#) - Hamburg (upcoming)
- [The Linux Foundation Open Source Summit Europe](#) - Amsterdam (upcoming)
- [Kubernetes Community Days Bratislava](#) - Bratislava
- [Kubernetes Community Day Budapest](#) - Budapest

9001 Ways to break out of a container 2024-2025

- [WHY2025 Hacker Camp](#) - Geestmerambacht, Netherlands (upcoming)
- [Bsides Bristol](#) - Bristol

A Hitchhiker's Guide to Developer Productivity 2024

- [Swiss Dev Confederation](#) - Zurich

Would You Like Fries With That? AI for Developer Productivity 2024

- [Kubernetes Community Day Zurich Rejects](#) - Zurich
- [Uphill conf](#) - Bern

Open-Source Contributions

- [Arch Linux](#): Contributor & AUR Package Maintainer
- [Karpenter Provider implementation for IBM Cloud](#): Maintainer
- [Kube-burner](#): Top 6 Contributor
- [Backstage.io](#): Contributor
- [Open Infra Foundation](#): Programming Committee Member, Open Infra Summit (2025)
- [The Linux Foundation](#): Subject Matter Expert/Exam Developer, Certified Backstage Associate Exam (2024)

Publications

- [How golden paths improve developer productivity](#)
- [Unleashing the T-Rex: How Containers Sometimes Fail to Contain](#)
- [Achieve more with less using Red Hat Developer Hub's self-service features](#)
- [CVE-2023-6944](#)