JONATHAN HEYERDAHL

Senior Linux and Cloud Architect

25 + Years Enterprise IT

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PROFESSIONAL SUMMARY

Senior Linux and Cloud/Security Architect with 25+ years' experience with enterprise-scale, highly regulated government and financial environments. I have a lifetimes' experience with Linux, Windows, identity management, datacenters (physical and virtual), Kubernetes, Azure, Dev/Sec/Ops and network security. Proven track record leading enterprise initiatives, modernizing platforms and delivering secure, scalable, compliant infrastructure solutions across banking and enterprise organizations.

CORE SKILLS

Linux: Ubuntu, RHEL 8 & 9, Debian, Rocky

Cloud & Architecture: Azure Cloud Security Architecture and Compliance with eye towards governance and cost-savings

DevOps & Platforms: Ansible, Odyssey, Kubernetes, GitLab, CI/CD (Jenkins, git, YAML pipelines), (IaC), Puppet, BASH Scripting

Security & Identity: IAM, RBAC, Entra ID, SAML, PKI, Zero Trust, Secure Access, RSA, VPN, Firewall rulesets, certificate management

Systems & Infrastructure: Linux and Windows, Networking, DNS, Storage, Enterprise Infrastructure and Virtualization

Monitoring: Prometheus, Grafana, Zabbix, PRTG

Leadership: Project lead for Dev, Ops, Sec environments, ITIL, stakeholder management in highly regulated environments, mentoring

PROFESSIONAL EXPERIENCE

Senior System Specialist

InselGruppe AG, Bern | Oct 2026 – Present

- Linux Engineer (Red Hat, Rocky, Debian, Ubuntu) for the largest hospital organization in Bern, Direktion Technologie und Innovation, Server and Storage group.
- Manage system lifecycles using GitLab, Ansible, Red Hat Satellite, Nutanix and VMware
- Configure and troubleshoot filesystem permissions, SELinux, network and Active Directory grants
- Manage backups with Veeam and Rubrik.

Platform Engineer (Contract)

Julius Bär, Zürich | Oct 2024 – Dec 2024

- Deployed a secure developer platform, enabling scalable cloud-based development environments
- Implemented OpenID Connect (OIDC) SSO integration, improving security and user access management
- Optimized deployment pipelines by removing underutilized components, increasing efficiency across .NET, Java, and Kubernetes workloads
- Documented cloud migration architecture, supporting transition from on-premise to Azure infrastructure

Security Engineer

Revendex AG, Zürich | Aug 2023 – Apr 2024

- Architected secure Kubernetes infrastructure and networking platforms supporting business-critical production systems.
- Strengthened security posture by implementing stricter policies, improving access control and data protection
- Automated build and release processes using Bash, Git, and Jenkins, improving deployment reliability
- Maintained SSL certificates, secure tunneling protocols, and firewall configurations
- Produced detailed documentation and architecture diagrams to support operational excellence

Project Lead / DevOps Engineer
Credit Suisse, Zürich | Feb 2021 – Jul 2023

- Led delivery of a secure enterprise messaging platform used across global financial environments
- Architected and operated Azure Kubernetes (AKS) platform supporting global enterprise messaging across regulated financial environments
- Integrated external platforms (WhatsApp, WeChat, Teams) while ensuring compliance with strict regulatory requirements
- Acted as key liaison between engineering, vendors, and compliance teams
- Presented security features and data protection controls to global stakeholders and clients
- Optimized cloud infrastructure for cost-efficiency and high availability

DevOps System Engineer
Innoveo AG, Zürich | Dec 2019 – Oct 2020

- Designed and operated AWS cloud infrastructure architecture supporting development, testing, and production environments with emphasis on automation, resilience, and security.
- Designed and implemented secure CI/CD pipelines aligned with DevSecOps and infrastructure automation standards.
- Maintained security standards using configuration management tools (Puppet)
- Enforced secure access practices including password less authentication and key-based access
- Managed DNS, storage encryption (KMS), and cloud networking

Production UNIX Support (L3)
UBS Group, Zürich | Jul 2018 – Aug 2019

- Delivered vulnerability management and compliance across large-scale enterprise environments
- Automated system data collection using Bash scripts across thousands of systems
- Supported enterprise infrastructure including Linux, Windows, VMware, and Solaris environments
- Ensured compliance through patching, firmware updates, and system hardening

Field Engineer Supervisor
Estée Lauder, Zürich / Lachen | Jan 2016 – Jun 2018

- Led distributed teams providing IT support across multiple locations
- Managed stakeholder relationships and coordinated technical projects
- Ensured high service availability in a 24/7 enterprise environment

Computer Specialist IV
MTA / NYCT, New York | Dec 2004 – Sep 2014

- Led implementation of identity management and PKI infrastructure for 90,000+ users
- Managed large-scale virtualized environments across multiple data centers
- Designed and maintained Linux server environments (150+ systems)
- Delivered training programs and workshops to large technical audiences

CERTIFICATIONS

- Zabbix Certified User (ZCU)
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)
- Microsoft Certified: Azure Security Engineer (AZ-500)
- Microsoft Certified: Azure Administrator (AZ-104)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Security, Compliance, and Identity (SC-900)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Kubernetes DevOps Engineer

LANGUAGES & ADDITIONAL

Languages: English (Native), German (B1 – actively improving)
Interests: Nature, sports, photography, cooking, scuba diving, chess, physics, mathematics
Additional Training: Linux, VMware, Identity Management, Security, Networking (details upon request)