

JONATHAN HEYERDAHL

Senior Azure Cloud & Security Architect

Azure · Kubernetes · DevOps · Cybersecurity

20+ Years Enterprise IT

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PROFESSIONAL SUMMARY

Senior Azure Cloud Architect | Kubernetes, Security & DevOps in Regulated Environments

With over 20 years of experience designing, securing, and operating enterprise-scale infrastructure, primarily within highly regulated financial environments. Expert in Microsoft Azure, Kubernetes, and identity/security architecture, with a strong track record of delivering scalable, compliant, and cost-efficient solutions. Proven leader bridging engineering, security, and business stakeholders to drive cloud transformation and DevOps maturity.

CORE SKILLS

Cloud & Architecture: Microsoft Azure (AKS, VMs, Networking, Entra ID, IAM), Cloud Architecture Design (secure, scalable, cost-optimized), Hybrid and Multi-Cloud Environments (Azure / AWS), GitLab, GitHub

DevOps & Platforms: Kubernetes (AKS, on-prem, hybrid), CI/CD (Jenkins, Git, YAML Pipelines), Infrastructure as Code (IaC), Automation, Scripting (Bash), Puppet

Security & Identity: IAM, RBAC, Entra ID (Azure AD), SAML, PKI, Cloud Security Architecture and Compliance, Network Segmentation, Secure Access, Certificate Management, Prometheus and Grafana for monitoring, Zabbix

Systems & Infrastructure: Linux (RHEL, Ubuntu, SLES, Debian), Windows, Networking, DNS, Storage Systems, Enterprise Infrastructure and Virtualization

Leadership: Cross-functional Leadership (Dev, Ops, Security), Stakeholder Management in Regulated Environments, Team Mentoring and Technical Guidance, Project leader, Scrum master and JIRA administration, Agile methodologies

PROFESSIONAL EXPERIENCE

Professional Development (Cloud Architecture & Security)

Zürich, Switzerland | Jan 2025 – Present

- Advanced expertise in Azure architecture, Kubernetes, and cloud-native security through hands-on labs and real-world scenarios
- Achieved and maintained key certifications (Azure, Kubernetes)
- Strengthened German language skills (A2 → B1) for professional integration in the Swiss market
- Actively engaging with opportunities in cloud architecture, DevOps, and platform engineering
- Available for immediate start

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

- Managed end-to-end IT infrastructure including Kubernetes, networking, and enterprise security 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

- Managed cloud infrastructure (AWS) across development, testing, and production environments
- Implemented secure DevOps pipelines and infrastructure automation
- Maintained security standards using configuration management tools (Puppet)
- Enforced secure access practices including passwordless 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 Professional (ZCP) – certificate pending
- 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)