Jonathan Heyerdahl

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Mühlackerstrasse 104, 8046 Zürich
B Arbeitsbewilligung (Familienangehöriger), USA
Birthdate: 27.Sept.1974

Azure Cloud & Cybersecurity Architecture | Kubernetes & Infrastructure | Linux | DevOps

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Skill Summary:

Cloud Administration
- 5 years of Azure Administration experience, currently holding expert-level certifications
- Architect Azure solutions and Cybersecurity solutions within the Azure realm
- Predictive cost analysis and troubleshooting B2B and B2C scenarios

DevOps / Linux Admin / Security
- Ubuntu, Red Hat Enterprise (RHEL), CentOS, SuSE Linux Enterprise (SLES), Debian, Windows
- Linux security best practices (hardening systems, limiting access, passwordless)
- Kubernetes design, implementation: on premise, cloud or hybrid solutions
- Network segregation and routing, Implement IaaC, SaaS, PaaS
- BASH scripting, YAML file creation, CI/CD, automations tools similar to Ansibile, JIRA
- Identity Access Management (IAM), RBAC, Microsoft ADDS/AAD/Entra ID, Federated Trusts, SAML, PKI

Communication and Project Management/Leadership
- My communication skills and compatibility with people are intrinsic with my personality
- Promote empowerment and assist cross training and development of skills between colleagues
- Inherent knowledge when to take the lead, and when to be a team player for a common vision
- Native English speaker, B-1 German

Platform Engineer	**Julius Bär**	Zürich	Oct 2024 – Dec 2024 (3-month contract)

Develop and update Current DevOps technology, while introducing a new platform for Developers
- Remove underused Octopus Deployment targets for .NET, Java and Kubernetes platforms
- Deploy development platform to Azure (Coder)
- Deploy and enable SSO with Open ID Connect (OIDC) for Coder on the Azure platform
- Document the Azure and Kubernetes infrastructure for the move from on-prem to cloud

Security Engineer	**Revendex, AG**	Zürich	Aug 2023 - Apr 2024

Manage every aspect of IT outside of development: hardware, software, networking, firewalls, Kubernetes, laptops, et al.
- Configure and maintain Kubernetes environment
- Build hotfix and new release versions with BASH, git and Jenkins pipelines
- Configure and maintain security, firmware, ADP and tunnelling rules (ftp, sftp ssh)
- Renew corporate SSL certificates and licenses on a regular basis
- Create and tighten security policies whilst identifying blocked data
- Cleanup and create documentation for internal release processes, best-practice troubleshooting of Kubernetes and Storage arrays, Visio network diagrams (present and future)

Project Lead/DevOps - Unified Collaboration	**Credit Suisse, AG**	Zürich	Feb 2021 - July 2023

Led our team in delivering a secure, in-house messaging solution "MyChat"
- Admin Azure Kubernetes Services for deployment of software patches and releases via Jenkins pipelines
- Acted as conduit between developers, operations, vendors and management
- Led the integration of external WhatsApp, WeChat and Teams solutions into our messaging project
- Liaised with compliance officers to ensure product security/compliance and ethical walls be adhered
- Presented product features and DLP rules live to dozens of client audiences worldwide
- Leverage Azure Kubernetes Services with Azure VMs to ensure cost-effective, resilient solutions

DevOps System Engineer	**Innoveo, AG**	Zürich	Dec 2019 - Oct 2020

Maintain dev, test and production environments for multiple clients in the financial sector worldwide
- Create and maintain DevOps environment via the AWS Cloud Solution
- Managed DNS, security groups, code repositories and encrypted storage volumes with KMS
- Maintained global security standards using Puppet (v4 and v5)
- Managed user population with strong keypairs and enforced a password-less environment.
- Wrote and managed YAML files, pushing changes to the branches on Github, via Teamcity or direct from CLI

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Production UNIX Support L3	**UBS Group, AG**	Zürich	July 2018 - Aug 2019

Vulnerability Management contract to maintain compliance   (14-month contract)
- Upgraded/installed requisite patches for BIOS and remote access
- Wrote BASH shell scripts to gather data: Firmware, host BIOS levels, LDAP and AD groups, service tags, etc.
- Configured tens of thousands of Dell, HP and Lenovo appliances
- Configured enterprise versions of Windows, RedHat Linux, ESXi and Solaris

Field Engineer Supervisor	**Estée Lauder**	Zürich /Lachen	Jan 2016 - Jun 2018

Led a team of desktop/network support engineers for Estée Lauder over many locations
- Business Stakeholder Management / Project Management
- Provided technical and business support in high-stress, 24x7 environment for 9 locations
- Coordinated with vendors, senior management, and various internal groups to guide projects
- Supervised teams and allocated requisite resources to ensure customer satisfaction

| **Computer Specialist IV**	**MTA/NYCT**	New York	Dec 2004 - Sept 2014

Led several teams exploring and implementing Identity Management Solutions, VMware, Linux Datacenters
- Managed virtualized environments across three datacenters using VMware vCenter Server 5.5
- Performed live cluster migrations, including third tier support for roughly 13,000 users across 850 locations
- Built and maintained over 150 SuSE Linux Enterprise Server environments
- Successfully deployed and maintained an IDM solution providing services for 94,000 employees and retirees
- Implemented a PKI infrastructure, automating encryption, signing and authentication cert creation/deletion
- Hosted workshops and taught classes for leveraging this technology for over two thousand people.

Working as an IT professional since 1996; more information available upon request

Education:
- Microsoft Certified Azure Cybersecurity Architect Expert (SC-100)   Exam pending
- Microsoft Certified Azure Cybersecurity Engineer (AZ-500)   July 2025
- Microsoft Certified Azure Solutions Architect Expert (AZ-305)   July 2023/2024
- Microsoft Certified Azure Administrator (AZ-104)   June 2023/2024
- Microsoft Certified Security, Compliance, and Identity (SC-900)   July 2023
- Microsoft Certified Azure Data Fundamentals (DP-900)   May 2023
- Microsoft Design Network Solutions   May 2023
- Microsoft Certified Azure Fundamentals (AZ-900)   Jan 2023
- Kubernetes DevOps Engineer, Letsboot   Jan 2021
- Splunk Enterprise Fundamentals I   Aug 2018
- VMWare VSphere installation, configuration and design   July 2014
- Novell Access Manager 3.1, Novell   Sept 2009
- SuSE Linux Server 10 – Administration, Novell   Jan 2008
- SuSE Linux Server 10 – Advanced Concepts, NetLAN   May 2008
- Advanced TCP/IP Stack, Learning Tree, NYC   April 2008
- Servlet and JSP development, NetLAN   Aug 2007
- Introduction to Java programming, NetLAN   June 2007
- Certified Ethical Hacker, NetLAN/ EC Council   April 2007
- Access Manager and LAG Administration, Novell   Feb 2007
- Identity Manager 3.5 Solutions, Novell   Jan 2007
- SuSE Linux Enterprise Server 9.0, Novell   July 2006
- Identity Manager 3 – Advanced Administration, Novell   May 2006
- Project Management, City University of New York   Feb 2005
- Email Architecture and Directory Services, ISOCOR   Dec 2000
- UNIX / Linux Administration, Learnix Systems (Vancouver)   July 2000
- Microsoft Certified Professional, WinNT4, Microsoft   May 1998
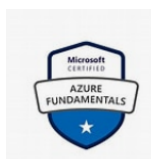
AZ-900	**SC-900**	**DP-900**	**AZ-104**	**AZ-305**	**AZ-500**

Personal Interests: Nature, sports, photography, cooking, scuba diving, chess, physics, and mathematics