Tom **Morelly**

DEVOPS ENGINEER

☐ (+49) 1573 4556 916 | ✉ tommorelly@gmail.com | ⌂ morelly.de | ⬚ FalcoSuessgott

"If you do what you love, you'll never work a day in your life."

Summary

DevOps Enginner with 7 years of hands-on expertise in architecting and constructing resilient automation platforms leveraging state-of-the art technologies and concepts. I have in-depth knowledge of infrastructure automation, specifically Git, Ansible and HashiCorp products such as Packer, Terraform, Vault. I successfully operated in both cloud-based (Azure) and on-premises (OpenStack, VmWare) containerized environments. I am passionate about Linux, Open Source and dedicated to continuous self-education and enhancement.

Work Experience

System Vertrieb Alexander GmbH _Berlin, Germany_
SOFTWARE ARCHITECT, TECHNICAL LEADER HASHICORP VAULT _February 2020 - February 2024_

- Lead Terraform Automation Developer for a bare-metal automation platform, including the test-driven development of various Terraform Providers & Modules orchestrated using Terraform Enterprise and Gitlab, allowing the customer to efficiently provision compute, network and storage resources for its customers
- Integration of HashiCorp Vault for Kubernetes Secrets & Certificate Management (PKI), enforcing a secure, flexible & modular approach for handling sensitive data within Kubernetes environments and meeting the customer compliance standards
- Design and automation of a HashiCorp Vault Enterprise Cluster within a highly regulated sector using Ansible & Terraform for MySQL Enterprise Transparent Data Encryption, enhancing data security and regulatory compliance standards
- Azure Virtual Desktop automation enabling the customer to migrate from a legacy Citrix based VDI to modern Azure VDI using Azure Devops, Terraform, Packer & Ansible
- Head contact regarding HashiCorp Vault for technical questions, pre-sales support, preparation of demo environments and technical enablement for colleagues and customers

BIOTRONIK SE & Co. KG _Berlin, Germany_
LINUX SYSTEMADMINISTRATOR (WORKING STUDENT) _April 2017 - February 2020_

- Maintained the RHEL based infrastructure with 400 VMs
- Automated the releasing of an enterprise company product using Ansible and Python
- Automated the provisioning and configuration of virtual machines using Spacewalk and Kickstart
- Migrated VMs and their respective services from RHEL7 to RHEL8

BIOTRONIK SE & Co. KG _Berlin, Germany_
NETWORK ADMINISTRATOR _February 2017 - March 2017_

- Maintained the Inhouse VOIP platform
- Configured Cisco Routing- & Switching Components
- 1st- and 2nd-Level Support of the internal IT department

Skills

SCM	Git
Linux	Bash/Shell Linux, System Administration (RHEL), RedHat Satellite
IaC	Terraform (Enterprise), Ansible, Packer
Security	HashiCorp Vault (Enterprise), HashiCorp Boundary
CI/CD	GitLab, GitHub Actions, Azure DevOps
Cloud Provider	Azure, OpenStack, VmWare
Container	Docker, Kubernetes, Helm
Programming	Golang, Terraform Provider Development, Python, Java
Languages	German (native), English (fluent), Spanish (A2)

Education

University of Applied Sciences Berlin _Berlin, Germany_
B.SC. APPLIED COMPUTING _April 2017 - October 2020_

- Specialized in mobile communications (LTE/5G, IoT, Adhoc-Routing, location-based applications)

Berlin College of Further Education for IT and Medical Equipment Technology *Berlin, Germany*

October 2014 - February 2017

- Java, Linux, Windows Server, OSI-Layer Model, ITIL

Presentations

Hack & Snack *Berlin, Germany*

Speaker for SVA System Vertrieb Alexander *Feb. 2024*

- Kubernetes Secrets Management using HashiCorp Vault

OpenShift Anwendertreffen by RedHat *Berlin, Germany*

Speaker for SVA System Vertrieb Alexander *Feb. 2022*

- Managing Secrets in OpenShift with HashiCorp Vault (https://www.youtube.com/watch?v=kdZCLsB5dgE)

Ansible Anwendertreffen by RedHat *Berlin, Germany*

Speaker for SVA System Vertrieb Alexander *Nov. 2020*

- Testing Ansible roles and playbooks using molecule (https://www.ansible-anwender.de/post/2020/11/rueckblick)

Certifications

Oct. 2023 **Vault Operations Professional**, HashiCorp *Berlin, Germany*

Sept. 2021 **Vault Associate**, HashiCorp *Berlin, Germany*

Aug. 2021 **Terraform Associate**, HashiCorp *Berlin, Germany*

Feb. 2021 **Certified Kubernetes Administrator**, The Linux Foundation *Berlin, Germany*

Sept. 2020 **ITIL v4 Foundation**, ITIL v4 Foundation *Berlin, Germany*