Felix Heinz Motzet

DevOps & Security Engineer

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EDUCATION

Ludwig-Maximilians-Universität München   Munich, Germany

Bachelor of Science in Computer Science, Minor in Biology   *Oct. 2019 – Oct. 2025*

- Final Grade: 2.24 ("Gut" - Good)
- Bachelor Thesis (Grade 1.0): *Replicating and Extending Arcanum: Reevaluating Privacy Risks in Chrome Web Store Extensions*
- Relevant Coursework: Operating Systems (1.0), Process-Oriented IT Service Management (1.0), IT Security (3.0), Cloud Computing (2.0), Computer Networks & Distributed Systems (2.7)

Rupprecht-Gymnasiums München   Germany

Abitur   *Oct. 2013 – Oct. 2016*

- Completed 4 years of immersion at Randolph High School (Huntsville, Alabama, USA, 2009–2013); achieved native-level bilingual English proficiency

WORK EXPERIENCE

DevOps & Systems Engineer   Oct. 2024 – Present

stock3 AG   *Munich, Germany*

- Lead Identity & Security Engineer: Architected a custom 2FA solution for VPN access by integrating OPNsense, Microsoft NPS (RADIUS), and Entra ID to harden remote infrastructure access
- Project Lead (Cloud Migration): Managed the end-to-end migration of the Atlassian Suite (Jira, Confluence) from On-Premise Server to Cloud; currently automating migration to Outline via API
- Infrastructure Administration: Active admin for a clustered Proxmox environment and HashiCorp stack (Nomad, Vault, Consul); converted legacy Docker Compose files to production-ready Nomad jobs
- Project Lead (Software Management): Standardized hardware lifecycle management using Chocolatey and Microsoft Task Scheduler; authored and maintain custom internal packages
- DevSecOps & Compliance: Responsible for company-wide phishing simulations via MS Defender and managing security access controls/identities for the entire organization

Working Student – DevOps/IT   Jan. 2022 – Oct. 2024

stock3 AG   *Munich, Germany*

- CI/CD Automation: Developed and debugged GitLab CI/CD pipelines for automated container deployment, integrating security checks and reducing manual deployment overhead
- Monitoring & Alerting: Supported enterprise-wide observability using Zabbix and Grafana to ensure high availability of internal services
- Internal Tooling: Developed a custom office-desk booking tool and deployed Raspberry Pi-based information screens to improve office logistics

TECHNICAL PROJECTS

NixOS Infrastructure & Homelab | *NixOS, Proxmox, Ansible, ZFS*   2023 – Present

- NixOS Router: Implemented a custom network router on NixOS, managing complex routing and firewall rules through declarative configuration; used NixOS as a primary OS since 2023
- Production Homelab: Deployed a single Proxmox node hosting 13.42 TB of data across multiple services including personal and friends' websites, Jellyfin video streaming, and file sharing (CopyParty, migrating to OwnCloud)
- High-Availability Lab: Engineered a multi-node Proxmox cluster using repurposed hardware to simulate production environments and test Ansible automation before deployment

SKILLS & LANGUAGES

Human Languages: German (Native), English (Native/Bilingual - USA), Spanish (Basic)
Security: 2FA (RADIUS/NPS), HashiCorp Vault (Secrets Management), OPNsense/Fortigate, MS Defender
Orchestration: Nomad, Docker, Proxmox (Clustering), LXC, Consul
Tools/IaC: Ansible, NixOS, GitLab CI, Chocolatey, Jira/Confluence API
Programming: Python, Bash, C++, Haskell, Java