

Nico Revermann

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About Me

Experienced **Systems Administrator and Integrator** with extensive expertise in **Linux/Unix systems, Elasticsearch**, and a proven track record of **project leadership**. I excel in **problem-solving, system integration**, and collaborating with stakeholders to drive **successful outcomes**. I specialize in designing efficient, scalable platforms and managing robust IT infrastructures with a clear focus on **reliability, performance, and economic viability**.

Experience

IT, Freelancer – Hanover, DE Oct 2024 – present

Systems Engineering, Integration & Operation, Finanz Informatik [📄](#) – Hanover, DE Aug 2020 – Sept 2024

- **Elasticsearch Platform Design:** Led and implemented a successful initiative to consolidate various Elasticsearch use cases into a unified, scalable platform, significantly improving efficiency and cost-effectiveness as initiator, designer and product owner.
- **Core Banking System Integration:** Played a central role in maintaining the seamless operation of the core banking system (Linux/Unix) for all German Savings Banks, acting as the primary operations integrator and performance optimizer. Ensured robust, end-to-end functionality for both employees and customers.
- **Technical Consultancy for Development Projects:** Provided critical insights and guidance in development projects to facilitate the deployment of innovative digital solutions on Linux/Unix, improving compatibility and system reliability.
- **Monitoring and Data Engineering Expertise:** Drove advanced monitoring initiatives and led data engineering efforts to enhance system performance and operational insights.

Project Lead, Commerzbank & Hochschule Weserbergland [📄](#) – Hanover, DE Sept 2019 – Apr 2020

- **Digital Transformation Research:** Investigation of the "Impact of Digitalization in the Banking Sector on Customer- and Service-Consultants."
- Led a team of 6 dual students to design and execute the study, collecting and analyzing data from over 100 interviews, and presenting actionable findings tailored for management at Commerzbank Hanover-Region.

Dual Student, Finanz Informatik [📄](#) – Hanover, DE Aug 2017 – July 2020

- Dual study program in Business Informatics with a specialization in systems integration and applied experience in department "production stationary sales".

Education

Hochschule Weserbergland, MBA in General Management Sept 2021 – Feb 2024

- **Thesis Project:** Developed a comprehensive concept for an on-premises Elasticsearch Platform as a Service for Finanz Informatik GmbH & Co. KG, emphasizing scalable design and operational efficiency.

Pfeiffer University, Strategic Management and International Business – Charlotte, NC June 2022

- **Strategic Management & International Business:** Completed a Strategic Management and International Business module as part of my MBA, gaining valuable experience in global business dynamics.

Hochschule Weserbergland, B.Sc. in Business Informatics Aug 2017 – July 2020

- **Thesis Project:** Conducted an analysis of machine learning applications for end-to-end data evaluation in the department "production stationary sales", utilizing the Elastic Stack to improve data usability for Finanz Informatik GmbH & Co. KG.

Skills

Technical Skills

- **Operating Systems:** Expert in Linux, Unix (AIX), proficient in MacOS; familiar with Windows.
- **Scripting & Programming:** Strong in Python and Bash/Shell scripting; foundational knowledge in HTML, CSS, JavaScript/TypeScript, C.
- **Databases:** Experience with SQL (DB2, Oracle, SQLite); NoSQL: Elasticsearch expert
- **Virtualization & Containerization:** Proficient with Docker/Podman, KVM, and Qemu, basic usage of VMware ESXi and Openshift/Kubernetes.
- **IaC Tools:** Basic experience with Ansible and Terraform.

- **Monitoring Tools:** Advanced user of ELK Stack, experienced in large-scale monitoring solutions; basic Grafana knowledge.

Soft Skills

- **Languages:** Fluent in German (native) and English.
- **Problem Solving:** Exceptional analytical skills and a keen ability to analyse, diagnose and troubleshoot complex systems and issues.
- **Communication:** Composed presenter; effective at engaging stakeholders and conveying complex technical information.
- **Leadership & Teamwork:** Strong independent worker who thrives under pressure, with proven ability to lead projects and coordinate teams.
- **Adaptability & Self-Management:** Highly adaptable and capable of working autonomously; detail-oriented and critical thinker.
- **Methodologies:** Experienced in Agile, Scrum, and traditional Waterfall project management.

Current Interests

- IT security and ethical hacking: Currently playing around with [OverTheWire](#) challenges.
- Machine Learning: Exploring PyTorch or tinygrad and build something with it until I understand it.