

# Dominik Prediger

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Karlsruhe, Germany



Infrastructure-focused software engineer with 5+ years of experience operating and building production systems. Strong background in Linux-based environments, containerized workloads, automation, and monitoring. Experienced in running reliable backend and blockchain infrastructure with a focus on performance, security, and scalability. Seeking a role in IT systems administration / infrastructure engineering.

## EDUCATION

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**B.Sc. Business Informatics (Wirtschaftsinformatik)**, Karlsruhe Institute of Technology (KIT)

2019 – 2024

Focus: Distributed Systems, Cyber Security, Software Engineering

## SKILLS

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### Systems / Linux

Ubuntu, Debian, Proxmox, systemd, SSH hardening, user & permission management

### Infrastructure

Docker, Podman, Docker Compose, self-hosted services, high-availability setups

### Networking

VLANs, DNS, reverse proxies (nginx), firewalling (ufw, container setups)

### Monitoring

Prometheus, Grafana, basic alerting, system observability

### Automation

Ansible (idempotent playbooks), Bash scripting, infrastructure provisioning

### Storage & Backup

Proxmox Backup Server, SnapRAID, MergerFS, redundancy strategies

### Security

System hardening, firewall configuration, basic secrets management concepts (SOPS, Vault)

### Backend / Dev

Python, FastAPI, Node.js, REST, GraphQL

### Blockchain (secondary)

Solidity, EVM, smart contracts, on-chain infrastructure

## EXPERIENCE

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### Co-founder & Software / Infrastructure Engineer

Feb 2025 – Present

BeraPaw

- Designed and operated production infrastructure for a crypto-native product with a focus on reliability and scalability.
- Deployed and maintained containerized services using Docker and Podman.
- Automated infrastructure provisioning and configuration using Ansible.
- Implemented monitoring and observability using Prometheus and Grafana.
- Managed backend systems, APIs, and blockchain infrastructure with high availability requirements.

### Consultant

Dec 2024 – Present

Ease DeFi

- Advised on backend and infrastructure architecture with a focus on reliability and maintainability.
- Supported deployment and operation of distributed systems and blockchain infrastructure.

### Full Stack Software Engineer (Blockchain & Infrastructure)

Apr 2022 – Dec 2024

Ease DeFi

- Built and operated production systems including APIs, data pipelines, and self-hosted infrastructure.
- Managed and maintained Linux-based systems running blockchain nodes (Geth, Reth, Lighthouse).
- Designed and operated containerized services using Docker with focus on uptime and performance.
- Implemented reverse proxy setups, networking configurations, and service orchestration.
- Developed automation workflows for deployment and infrastructure management.

### Blockchain Engineering Intern

Jan 2022 – Apr 2022

Ease DeFi

- Supported development and deployment of backend services and early infrastructure.

### Freelance Software Developer / Engineer

2017 – Present

- Delivered full-stack solutions with a strong focus on backend systems and infrastructure.
- Designed and deployed containerized applications and APIs.
- Worked closely with clients to troubleshoot systems and improve reliability.

## HOMELAB

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- Operated a Proxmox-based homelab with virtualized services, Docker/Podman workloads, networking, and reverse proxies.
- Implemented monitoring with Prometheus and Grafana, automated backups, and redundancy using SnapRAID and MergerFS.