



# Martin Friedrich

## (He/Him)

SYSTEM ADMINISTRATOR &  
DEVOPS ENGINEER

### Details

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Germany

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NATIONALITY

German

DATE OF BIRTH

11.09.1988

### Links

[Portfolio / Aboutme](#)

[PGP / Keybase](#)

[Linkedin](#)

[Github](#)

### Skills

Adaptability

Collaboration & Teamwork

Critical thinking

Active Learning

Good Communication

Problem Solving

### Languages

English

German

## About me

I'm a SysOps/DevOps Engineer with 5+ years of hands-on experience supporting, automating and optimising mission-critical deployments on-premise and in the Cloud.

Config Management and Device Management are my passion.

Led a team of 6 at Zeuz GmbH that created a bare-metal orchestrator for Kubernetes based Gameserver workloads.

## Employment History

### Senior System Administrator / Client Platform Engineer, Improbable Ltd, Remote

OCTOBER 2021 – AUGUST 2022

- CI/CD support for internal Customers
- Code Security Scanning (SonarQube, Whitesource, Renovate)
- Continuous Delivery on Kubernetes (Gitlab-CI, Buildkite, Github Actions)
- Infrastructure Configuration Management (Ansible, Puppet, Terraform)
- Migration of CI pipelines from Gitlab-CI to Buildkite
- Mobile Device management (Micomdm, AzureAD, Puppet)
- Monitoring & Alerting (Prometheus stack, ELK stack, Thanos)
- On-premise MacOS Build infrastructure (Anka)
- Package Management (AutoPKG, Intune, Debian apt)
- Platform Administration (Google Workspace, Atlassian, Slack, Office365)

### Senior System Administrator / Teamlead, Improbable Ltd, Remote

FEBRUARY 2020 – NOVEMBER 2020

- Cluster administration (Docker Swarm, Kubernetes)
- Configuration Management (Ansible, Packer, Terraform)
- Continuous Delivery on Kubernetes (Gitlab-CI, Buildkite)
- Database Administration (Elasticsearch, Redis Cluster, Postgre)
- Mentoring a trainee
- Monitoring & Alerting (Prometheus, Victoria-metrics, ELK, Thanos)

### Senior System Administrator / Teamlead, Zeuz GmbH, Munich

JANUARY 2019 – FEBRUARY 2020

- Building a Docker based gameserver Platform
- Cluster administration (Docker Swarm, Kubernetes)
- Configuration Management (Ansible, Terraform, Packer)
- Continuous Delivery on Kubernetes (Gitlab-CI, Buildkite)
- Continuous Security (Gitlab SAST/DAST)
- Database Administration (Elasticsearch, Redis Cluster, Postgre)
- Managing bare-metal infrastructure (Ansible)
- Mentoring a trainee
- Monitoring & Alerting (Prometheus, Victoria-metrics, ELK, Thanos)

### Senior System Administrator / DevOps Engineer, Daypaio GmbH, Munich

JUNE 2018 – JANUARY 2019

- Configuration Management (Ansible)
- Continuous Security (Gitlab SAST/DAST)
- Continuous Delivery of NodeJS Applications (Gitlab-CI)
- Database Administration (MongoDB, Redis Cluster)
- Migration of CI/CD pipelines from Bamboo, Jenkins to Gitlab-CI
- Monitoring & Alerting (Prometheus stack)
- Platform Administration (Google Workspace, Atlassian, Slack)

## Hobbies

3D fractals  
Generative Art  
Multiplayer Games

## System Administrator / Teamlead Infrastructure, Draglet GmbH, Munich

OCTOBER 2017 – MAY 2018

- Administration of Crypto Assets
- Configuration Management (Ansible)
- Continuous Delivery of Java Applications (Gitlab-CI)
- Database Administration (MariaDB)
- Firewall & VPN Administration (opnSense, OpenVPN, strongswan)
- Migration of CI pipelines from Jenkins to Gitlab-CI
- Monitoring & Alerting (Icinga, Prometheus)
- Platform Administration (Google Workspace, Atlassian, Slack)
- Recruiting team members

## System Administrator, Hörer und Flamme GmbH, Munich

OCTOBER 2015 – OCTOBER 2017

- Configuration Management (Ansible)
- Continuous Delivery of PHP Applications (Gitlab-CI)
- Data imports for Marketing Campaigns
- Device management
- Directory Administration (ActiveDirectory, AzureAD, LDAP, Univention Corporate Server)
- Firewall & VPN Administration (pfSense, OpenVPN, strongswan)
- Mentoring a trainee
- Monitoring & Alerting (Nagios, check\_mk)
- PBX Administration (Asterisk, Pascom MobyDick)
- Running On-premise Infrastructure (Proxmox, FreeNAS)

## Education

### Qualifying secondary school certificate, Ridderschule, Munich

NOVEMBER 2000 – JULY 2005

### Klenze Gymnasium, Munich

NOVEMBER 1999 – JULY 2000

## Projects

### Aboutme website

<https://github.com/networkpanic/npanic.br0.space>

### Home-Infra: Kubernetes running at home.

<https://github.com/networkpanic/home-infra>

### Archlinux Package for Mandelbulber2 (with opencl support)

<https://aur.archlinux.org/packages/mandelbulber2-opencl-git>