Martin Friedrich (He/Him)

SYSTEM ADMINISTRATOR & DEVOPS ENGINEER

Details

Forstenrieder Allee 27
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Germany
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npanic@br0.space

NATIONALITY

German

DATE OF BIRTH

11.09.1988

Links

Portofolio / 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.

Orchestration, Config Management and Device Management are my passion.

I've led a team of 6 at Zeuz GmbH that created a bare-metal orchestrator for Kubernetes based game-server workloads.

Employment History

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

OCTOBER 2021 — AUGUST 2022

- Automated code scanning over 1000+ repositories (Whitesource, Renovate, SonarQube)
- Automated Patch Management (AutoPKG, Intune, Debian apt)
- Continuous delivery of open source MDM infrastructure (MicroMDM, Puppet)
- Device Management of a large fleet (2000+ devices)
- Huge savings of hardware budget by offering a remote workplace solution with 3D support (Terraform, Parsec)
- Platform Administration (Google Workspace, Atlassian, Slack, Office365)

Senior System Administrator / Teamlead, Improbable Ltd, Remote

FEBRUARY 2020 — NOVEMBER 2020

- Built a cost-efficient on-premise MacOS build infrastructure
- Built a provider independed Kubernetes provisioner (Ansible)
- CI/CD support for internal customers
- Configuration management (Ansible, Packer, Terraform)
- Continuous delivery on Kubernetes (Gitlab-CI, Buildkite, Github Actions)
- Cost-efficient hosting of on-premise database clusters (Elasticsearch, Redis Cluster, Postgres)
- Mentoring a trainee project (Monitoring cluster infrastructure using open source technology)
- Migration of CI pipelines from Gitlab-CI to Buildkite
- Monitoring & Alerting (Prometheus, Victoria-metrics, ELK, Thanos)
- Working on a Kubernetes based game-server platform

Senior System Administrator / Teamlead, Zeuz GmbH, Munich

JANUARY 2019 — FEBRUARY 2020

- 30% cost savings by moving an Elasticsearch cluster from cloud to on-premise
- Built a cost-efficient provider independed Docker Swarm provisioner (Ansible)
- Built a Docker-Swarm based game-server platform
- Continuous security scanning using Gitlab
- Mentoring a trainee
- Monitoring & Alerting (Prometheus, Victoria-metrics, ELK, Thanos)

Senior System Administrator / DevOps Engineer, Daypaio GmbH, Munich

JUNE 2018 — JANUARY 2019

- 40% cost savings by moving a MongoDB cluster from cloud to on-premise
- Configuration management (Ansible)
- Continuous delivery of NodeJS Applications (Gitlab-CI)
- Migration of CI/CD pipelines from Bamboo, Jenkins to Gitlab-CI
- Monitoring & Alerting (Prometheus stack)
- Platform Administration (Google Workspace, Atlassian, Slack)

System Administrator / Teamlead Infrastructure, Draglet GmbH, Munich

OCTOBER 2017 — MAY 2018

- Administration of Crypto Assets
- Cost-efficient hosting a MongoDB cluster on-premise
- Firewall & VPN Administration (opnSense, OpenVPN, strongswan)
- Huge cost savings by introducing configuration management (Ansible)
- 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

- Automating data imports and exports for marketing campaigns
- Cost savings by introducing configuration management (Ansible)
- Cost-efficient device management using open source technology
- Directory Administration (ActiveDirectory, AzureAD, LDAP, Univention Corporate Server)
- Introduced CI/CD to existing PHP Applications which allowed to launch new projects many times faster (Gitlab-CI)
- Monitoring & Alerting (Nagios, check_mk)
- PBX Administration (Asterisk, Pascom MobyDick)
- Running cost-efficient on-premise infrastructure (Proxmox, FreeNAS)
- Running Firewall & VPN gateways using open source (pfSense, OpenVPN, strongswan)

Education

Qualifying secondary school certificate, Ridlerschule, 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