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## Job History

Since 2019 **Backend Engineer**, *Unwired Networks*, Vienna.

Developed several internal and public-facing services in a team or single-handedly:

- Internal remote device management system distributing configuration, collecting metrics and serving as SSH-jumphost
- OpenVPN-server management client and API via GRPC
- MQTT-based device log system with Elasticsearch backend
- Reimplementation of legacy APIs based on GraphQL

Held responsibility for production infrastructure:

- Managed GKE clusters, bare-metal servers and corresponding accessories like monitoring
- Replaced static ingress and logging setups with dynamic solutions
- Moved existing infrastructure to a manageable state via a combination of Ansible, Terraform and Kustomize
- Introduced a staging environment for a over 10 year old captive portal and hotspot system

2018–2019 **Site Reliability Engineer Contractor**, *Cisco Systems Austria*, Vienna.

- Developed internal tools and services like Kubernetes Operators or Terraform Providers in Go
- Consulted software engineering teams on developing cloud-native applications
- Automated creation and management of Kubernetes Clusters on AWS and on-premises VMWare vSphere
- Contributed bugfixes and enhancements to open source parts of the Kubernetes ecosystem

2015–2017 **Devops Engineer**, *APA-IT Informations Technologie*, Vienna.

- Designed a small SaaS platform based on Kubernetes and GCP and implemented it in Go
- Served as internal advisor for all infrastructure-related issues and tasks
- Led workshops and trainings for internal and external employees on cloud-native technologies and own products
- Designed and implemented a new CI/CD-system based on bare-metal Kubernetes and Jenkins

2013–2015 **Linux System Administrator**, *Gentics Software*, Vienna.

- Took over existing server and router infrastructure
- Designed and implemented new infrastructure concept
- Held responsibility for the infrastructure part in all customer projects
- Enhanced product building and packaging

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## Technologies

Preferred Go, GRPC, Kubernetes, Linux, Kustomize, GCP, Terraform, Vault, Ansible, Docker, Prometheus, Elastic Stack, ZFS

Other LXC, MQTT, AWS, Jenkins, GraphQL, OpenWRT, OpenVPN, Chef, Puppet, Nginx, Apache, VMware vSphere

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## Education

2006–2011 **HTBLVA Spengergasse**, *IT, speciality in networking technologies.*