

# Andrej Friesen

## Work Experience

### Questback GmbH, Cologne— *Systems Architect*

Apr 2019 – TODAY

Automating infrastructure setup with Terraform modules

Work closely with development and product management on requirements for modernization of legacy application

Work remotely with an Indian consultancy for ~ 10 months (experience the pros and cons of remote work)

### Questback GmbH, Cologne— *Systems Engineer*

Feb 2018 – Mar 2019

Elaborate a way to run Kubernetes on AWS (Rancher2 with rke)

Lift internal legacy application to Kubernetes and AWS from VM based datacenter

Loadtest internal application, tune metrics and change design in the helm-chart accordingly

Implement tools and software around the K8s ecosystem: helm, chartmuseum, nginx-ingress controller, cert-manager, Prometheus, Grafana, EFK, cloudwatch-exporter, Prometheus Adapter for K8s Metrics, etc.

### Modell Aachen GmbH, Aachen— *IT Service Management /Operations*

Feb 2017 - Jan 2018

Migrating internal mail system to Office 365

Automation of infrastructure with puppet and Ansible

Implementing Kanban for IT Service Management department

### Modell Aachen GmbH, Aachen— *Student Worker*

Apr 2015 - Jan 2017

Consulting customers how to implement processes and management documentation with the product (Q.wiki) developed by Modell Aachen GmbH

Implementing company-wide password management software



## Skills

terraform  
git  
linux  
aws  
rancher2  
kubernetes  
docker  
helm  
grafana  
prometheus  
ansible  
vagrant  
ci/cd  
azure

## Qualifications

Excellence Assessor

Quality System Manager  
Junior (QSMJ - DGQ)

Six Sigma Green Belt

Lifeguard

## Education

### University of Wuppertal, Wuppertal — *Master of Science*

Oct 2013 – Dec 2016

Main Field: Quality Engineering

**Master Thesis** (At Modell Aachen GmbH):

Implementing a quality management system based on the wiki-technology

### Cologne University of Applied Sciences, Cologne — *Bachelor of Engineering*

Sept 2009–Aug 2013

Main Field: Rescue Engineering

**Bachelor Thesis** (At THW, Federal Agency for Technical Relief):

The engineering classification of individual treatment processes of the drinking-water treatment plant UF-15

## Languages

German (native)

English (fluent)

## Personal

Nationality: German

## Hobbies

snowboarding, longboarding,  
surfing, biking, calisthenics,  
reading (devops, startups,  
fantasy), swimming, learning  
golang, hugo, home  
automation (home assistant)