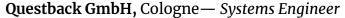# Andrej Friesen

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 a consultancy from India 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)