

Daniel Malik

BACKEND DEVELOPER · DEVOPS ENGINEER

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Education

Waldorfschule

SECONDARY SCHOOL

Mülheim an der Ruhr

2007-2015

Steinbart-Gymnasium

HIGH SCHOOL

Duisburg

2016-2020

- Schülersprecher (Head of Student Affairs)
- Network Engineer and System Administrator
- Abitur with final grade 1,5

Skills

DevOps

GCP, Docker, Ansible, UNIX, Gitlab CI, Google Cloud Platform

Backend Engineering

Django, Flask, Redis, REST APIs, Node.JS, MongoDB, Relational Databases, SQL, Postgres, Scrapers, Distributed systems

Languages

Python, Golang, JavaScript, SCSS, Java

Frontend

React.js, Redux, Vanilla JavaScript, HTML, (S)CSS

Languages

English, German, Urdu

NetOps

Network Design, Unifi, WiFi design and deployment, Bare-Metal Servers, VMWare ESXi, OpenWRT, Monitoring, Linux Systems, R design

Soft skills

Agile development, public speaking, project management

Event tech

Sound system design, D&B Audio, DMX and light technologies, Rigging, Rack design

Experience

Code+Design Initiative e.V.

TECHNICAL PROJECT LEAD

Berlin, Germany

January 2021

- Designed and built event networking infrastructure based on Unifi systems
- Hackathon design and execution for disadvantaged youth

CODE University of Applied Sciences

AUTOMATION ENGINEER AND INFORMATION TECHNOLOGY SPECIALIST

Berlin, Germany

October 2020

BiPRO e.V.

SOFTWARE ENGINEER

Düsseldorf, Germany

June 2020 - October 2020

- Freelance Software Developer at BiPRO e.V.,

ShiftDigital Government Solutions e.V.

LEAD BACKEND ENGINEER AND CONSULTANT

Düsseldorf, Germany

October 2019 - June 2020

- Built, maintained and deployed a policy-aware, high-quality and robust API and backend system for ShiftDigital Government Solutions GmbH in the public sector

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CONSULTANT, CEO AND SOFTWARE ENGINEER

Duisburg, Germany

October 2019 - October 2020

Beta e.G.

DEVOPS ENGINEER AND BACKEND DEVELOPER

Hamburg, Germany

December 2017 - February 2019

- Built the core infrastructure for building fast and efficient applications in the cloud
- Deployed complex applications with AI and CV utilizing Docker and Ansible
- Built team communication infrastructure
- Developed large-scale Django applications
- Built a high-capacity, concurrent scraper in Golang

CODE University of Applied Sciences

BACKEND DEVELOPER INTERNSHIP

Berlin, Germany

January 2018

- Built a participant management system
- Helped to expand and enhance local infrastructure

STUDITEMPS GmbH

SOFTWARE DEVELOPER INTERNSHIP

Cologne, Germany

May 2017

Code+Design e.V.

VOLUNTARY NETWORK ENGINEER

- Built WiFi Networks for participants
- Deployed Unifi networks

Germany

August 2016-2018

Honors & Awards

2020	Certificate of honor for building and maintaining the network infrastructure , Steinbart-Gymnasium Duisburg	<i>Duisburg, Germany</i>
2019	Winner (Humanity & Code, sponsored by CAS Software) , Hacktival.io 2019	<i>Karlsruhe, Germany</i>
2018	Winner (Art & Technology) , OpenCodes Hackathon	<i>Karlsruhe, Germany</i>
2017	Invitee and Participant , Jugend Hackt Vernetzte Welten	<i>Hong Kong</i>

Volunteer Experience

Steinbart-Gymnasium

Duisburg, Germany

HEAD OF NOC (NETWORK OPERATORS)

January 2019 - May 2020

- Rebuilding, modernizing and improving existing (legacy) infrastructure
- Deploying applications on bare-metal servers
- Deploying a Unifi WiFi network, managing clients, building network monitoring

Steinbart-Gymnasium

Duisburg, Germany

HEAD OF STUDENT AFFAIRS (SCHÜLERSPRECHER)

2019/2020

- Enabling teachers to provide meaningful, useful and efficient digital education
- Introducing GSuite for Education
- Disruptively improving existant procceses by using modern and cost-efficient technology
- Managing, planning and executing large events (>1500 participants)
- Public speaking
- Financial management
- Public relations