

# 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, Gitlab, Gitlab CI, RHEL, Ubuntu, DigitalOcean, Docker Compose

**Backend Engineering** Django, Flask, ORM, Redis, REST APIs, Node.JS, MongoDB, Relational Databases, SQL, Postgres, Scrapers, Open CV

**Languages** Python, Golang, EcmaScript, Bash, SCSS, Java,  $\LaTeX$

**Frontend** SCSS, HTML5, LESS, JS

**Languages** English, German

**NetOps** Network Design, Bare-Metal Servers, XenServer, VMWare ESXi, OpenWRT, Monitoring, Linux Systems

**Soft skills** Agile development, public speaking, project management

## Experience

### BiPRO e.V.

SOFTWARE ENGINEER

- Freelance Software Developer at BiPRO e.V.,

Düsseldorf, Germany

June 2020 - October 2020

### ShiftDigital Government Solutions e.V.

LEAD BACKEND ENGINEER AND CONSULTANT

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

Düsseldorf, Germany

October 2019 - June 2020

### malik.consulting

CONSULTANT, CEO AND SOFTWARE ENGINEER

Duisburg, Germany

October 2019 - October 2020

### Beta e.G.

DEVOPS ENGINEER AND BACKEND DEVELOPER

- 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

Hamburg, Germany

December 2017 - February 2019

### CODE University of Applied Sciences

BACKEND DEVELOPER INTERNSHIP

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

Berlin, Germany

January 2018

### 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

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

# Volunteer Experience

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## 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