

## Contact

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(LinkedIn)  
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## Top Skills

Go (Programming Language)  
Python  
Amazon Web Services (AWS)

## Languages

German (Professional Working)  
English (Native or Bilingual)  
Afrikaans (Native or Bilingual)

## Certifications

NETHOPE Virtual Global Summit  
2020 Delegate  
Deutsche Sprachprüfung für den  
Hochschulzugang

## Honors-Awards

3rd Place, Mobile Application  
Development Challenge  
Information Technology Subject  
Prize  
Gold Medalist - South African Open

# Robert Focke

Senior Software Engineer @ Muzz  
Berlin, Berlin, Germany

## Summary

Data-focused software developer, interested in collaborating on social business and tech for good projects. More than 7 years of experience developing software across various industries including corporate software, sales technology, non-governmental organisations, public sector research and monitoring and consumer technology.

Interested in how technology can be leveraged to help people address day to day problems and improve their quality of life. Passionate about the environment and it's conservation.

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## Experience

Muzz (formerly muzmatch)  
Senior Backend Engineer  
June 2022 - Present (6 months)  
Berlin, Berlin, Germany

Backend development working on the largest Muslim dating and marriage app serving over 6 million users.

Focussed on developing and operating an API platform serving both iOS and Android applications. Responsible for rewriting existing services from PHP to Golang as part of rearchitecture.

Relevant technologies: PHP, Go, AWS

Mesg.ai  
Backend Platform Engineer  
December 2021 - June 2022 (7 months)  
Berlin, Berlin, Germany

Backend development working on a sales outreach platform which automates the prospect research process.

Development and operation of services written in Golang, Python and Node.js.

Relevant technologies: Go, AWS, Terraform, Python, Node.js

## Norwegian Refugee Council

2 years 10 months

### Backend Developer

October 2021 - December 2021 (3 months)

Berlin, Berlin, Germany

Software development/data engineering working on a private-donor management system, including setting up data pipelines, analytics and managing a data warehouse.

Relevant technologies: Python, Snowflake, SQL, Salesforce API, Google Analytics API, Facebook API, Azure Machine Learning, Jupyter Notebooks, Twilio

### Full Stack Developer

January 2020 - October 2021 (1 year 10 months)

Berlin, Germany

Software development working on an open-source beneficiary and service management tool.

Relevant technologies: Go, Javascript, RxJS, MongoDB

### Junior Software Developer

April 2019 - December 2019 (9 months)

Berlin Area, Germany

Software development working on Salesforce Incident Management and Programme Cycle Management tools, and various ETL integrations

Relevant technologies: Salesforce Admin, Visualforce, Python, Airflow, Lightning Web Components, BASH, Azure Data Factory

### Freelance Software Developer

March 2019 - April 2019 (2 months)

Johannesburg Area, South Africa

Freelancing work on an ETL project connecting Unit4 Business World and Salesforce.

Relevant technologies: NiFi, Unit4 Business World, Salesforce API, BASH

## Deutsches Institut für Menschenrechte

1 year 1 month

### Data Engineer

February 2020 - October 2020 (9 months)

Berlin Area, Germany

Project setting up web scraping and visualisation for the international human rights politics department.

Relevant technologies: Kubernetes, Scrapy, BeautifulSoup4, Tweepy, Docker, Metabase, SQL, DigitalOcean

### Volunteer Data Engineer

October 2019 - January 2020 (4 months)

Berlin Area, Germany

Volunteer data work with the international human rights politics department at the institute.

Relevant technologies: Kubernetes, Scrapy, BeautifulSoup4, Tweepy, Docker, Metabase, SQL, DigitalOcean

## SAP

1 year 9 months

### Knowledge Manager

January 2018 - September 2018 (9 months)

Berlin Area, Germany

Knowledge management & product testing internship position with the SAP innovation centre network.

Relevant technologies: SwaggerUI, YAML, Python, Cobra, Golang

### Machine Learning Software Engineer

January 2017 - December 2017 (1 year)

Berlin Area, Germany

Internship in the SAP Innovation Centre Network, working on a machine learning platform. Software engineering tasks in an agile environment.

Relevant technologies: CloudFoundry, Kubernetes, Python, C++, Docker, Jenkins, Bazel

## HomeToGo

System Administrator

February 2016 - July 2016 (6 months)

Berlin Area, Germany

System Administration and IT Support working student position.

Relevant tech and responsibilities: Juniper Switches, Raspberry Pi, Google Analytics, BASH, IT Support, Inventory Management

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## Education

University of London

Bachelor of Science - BSc, Computer Science · (March 2021 - February 2025)

Technische Universität Berlin

Bachelor of Science - BSc (DNF - incomplete), Computer Engineering · (2015 - 2018)

Pretoria Boys High School

National Senior Certificate, IEB AP Mathematics, High School/Secondary Diplomas and Certificates · (2010 - 2014)