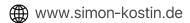
# Simon Kostin

Full Stack Developer 23 years old









## WORK EXPERIENCE



Sep 2021 - May 2022



- Developed a complete Infrastructure as Code setup for all backend services using terraform
- Set up a Continuous Integration workflow and regularly reviewed code of other developers

React | Django | Terraform | Auth0 | AWS

### Full Stack Developer @ BMW AG

Aug 2020 - Oct 2020

- Carried out the analysis, design, implementation and launch of a generic anomaly detection pipeline for vehicle streaming data
- Developed a full stack web application using Kotlin, React and the AWS SDK
- Worked in an agile team of 5 working students and collaborated with other interdisciplinary teams

React | Kotlin | Gradle | AWS SDK

#### Frontend Developer @ Brose

Aug 2016 - Oct 2016 | Mar 2017 - Apr 2017 | Aug 2017 - Sep 2017 Mar 2018 - Apr 2018 | Sep 2018 - Oct 2018 | Mar 2019 - Apr 2019

- Developed a web interface for an inhouse vehicle database
- Collaborated with specialists from various fields of vehicle development

HTML | CSS | Javascript

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#### EDUCATION

#### Master's Degree in Software Engineering

Technical University of Munich, LMU Munich & University of Augsburg Oct 2019 - Apr 2022

- Elite Graduate Program geared towards the top 2 percent of students in computer science
- Thesis on Combined Task Allocation and Path Finding for Autonomous Guided Vehicles in a **Factory Setting**

Grade: 1.1



Technical University of Munich Oct 2016 - Nov 2019

- Program offering an introduction to essential concepts of IT architecture, algorithms and datastructures, software engineering, database systems and operating systems
- Thesis on Migratory User Interfaces for Tourist Trip Recommender Systems

Grade: 1.7







#### **Automated Bill Recognition System**

Client: QPLIX

Description: Web application that automatically recognizes transaction receits and submits the identified data

to the QPLIX wealth management system

Frontend: React + Typescript + Ant Design

**Backend:** Node.js + Typescript + Google Cloud Vision

Database: MongoDB

#### State Election Application

Client: Technical University of Munich

• Description: Web application that showcases and compares the results of previous bavarian state elections

Frontend: Vue.js + Typescript + Bootstrap

Backend: Node.js + Typescript

Database: PostgreSQL

#### **Anomaly Detection Pipeline**

Client: BMW AG

Description: Web application that simplifies the development and deployment of AWS infrastructure through a

Drag-and-Drop UI

Frontend: React + Typescript + Material UI
Backend: Kotlin + Gradle + AWS SDK

Database: -

# **PROGRAMMING SKILLS**

FRONTEND

React

Typescript

Material UI

Bootstrap

**(**) BACKEND

JS) Node.js

**di** Django

Kotlin

**Flask** 

**◯** DATABASE

SQL SQL

PostgreSQL

MongoDB

# SPECIAL ACCOLADES

Admission to the Elite Graduate Master's Program for Software Engineering

Admission to the Max Weber Program for exceptional academic achievements

1.0) Perfect Grade in High School Graduation

**LANGUAGES** 

German (native speaker)

Russian (native speaker)

English (C1)

French (B1)