Simon Kostin
Full Stack Developer
23 years old

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💼 WORK EXPERIENCE

Full Stack Developer @ eco.mio
Sep 2021 – May 2022

- Implemented a broad range of web application features such as frontend views, backend APIs, database models and authentication features
- 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`

🎓 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`

Bachelor's Degree in Computer Science
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`

☑ SELECTED PROJECTS

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

- Node.js
- Django
- Kotlin
- Flask

🗄 DATABASE

- 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)