YAGIZALP ZAIMOGLU

Aachen

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SKILLS

Technical Skills	Go, C, C++, Python, Javascript, SQL, NoSQL, Docker, Kubernetes
Soft Skills	Flexibility, Ability to work independently as well as in a team, Analytical Thinking
Language Skills	German, English, Turkish

EXPERIENCE

Working Student - Software Engineering — Since January 2023
BizFactory — *Aachen, Germany (Remote)*

- Worked on systems for various Ministries and Universities, predominantly using PHP.
- Developed a robust Backend for an upcoming SaaS platform, using Go and ArangoDB, simplifying compliance with the new European Whistleblower Law for small to medium-sized companies.
- Implemented advanced encryption techniques to ensure stringent data security for the SaaS platform.
- Created an internal system in Go and Nuxt to efficiently manage the Kubernetes cluster

Working Student - Software Engineering — July 2021 - July 2022
Charité CIPom — *Berlin, Germany*

- Implemented a management system for the student database at CIPom using a Go and MySQL Backend, Javascript (Vue) Frontend.
- Led to an improvement of work efficiency by minimizing the hurdle of changing student data at the CIPom.
- Started working on an own printer-job billing service with C to reduce costs of proprietary licenses.

EDUCATION

Bachelor of Computer Engineering, RWTH Aachen University — Expected 2025

State Exam Human Medicine, Charité Berlin — 2020 - 2022
Member of European Medical Students Association Berlin

Bilingual IB Diploma, German Embassy School Ankara — 2017 - 2020
Member of the Student Council
43/45 Points (NC 1.0)

PROJECTS

Election Tracker Built a system for local parties in Turkey to track the elections in 2023. The system uses a microservice architecture, where all the different services are independent of each other isolated in docker containers. The backend services are built with Go, C++, MySQL and MongoDB, whereas the frontend is built with NodeJS, Svelte and TailwindCSS. [(Github)](https://github.com)

Flathunter Built a system for students in Germany to easily find flats. The system scrapes all the important real estate sites in Germany and notifies the student when there are new listings. The backend is built with Go, ArangoDB, whereas the frontend is built with Nuxt and TailwindCSS. [(Codeberg)](https://codeberg.org)

EXTRA-CURRICULAR ACTIVITIES

- I used open source software to create a collaborative work environment at my high school and administrated the system. It was actively used by all of the students and teachers.