TOBIAS WASLOWSKI

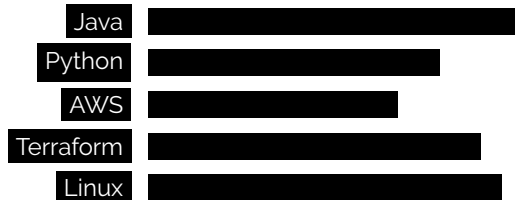## Software Engineer

Hamburg

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Github

LinkedIn

WHO AM I?

I excel at tackling complex technical challenges, thanks to my strong analytical skills and ability to grasp new concepts quickly. My dedication to quality ensures I consistently deliver well-designed and robust software.

- Java
- Python
- AWS
- Terraform
- Linux

EXPERIENCE

6/2022 – 6/2024

Consultant Developer — **Thoughtworks Germany.**

Software development and infrastructure work with several high-profile clients. Further application of skills developed in my studies including, but not limited to, the application of agile processes and the development of my software craftsmanship. Work at different clients includes:

German Car Manufacturer (08/2023 – 04/2024)

- Enabling engineers across a large organization to create and scale self-hosted Gitlab CI Runners to meet workload demands more easily.

- Aligning with other teams to develop clearer product visions as well as remove roadblocks.

- Providing guidance to developers on the team to share technical know-how and drive the product vision.

```
AWS  /  Gitlab CI  /  Terraform  /  AWS  /  Bash  /  Linux
```

Payment Provider (07/2022 – 07/2023)

- Designing and implementing a disaster recovery process for a client, ensuring business continuity in the event of any unforeseen disruptions.

- Engineering quality assurance pipelines to ensure the security of applications and infrastructure as well as key metrics like test coverage.

- Breaking up responsibility and knowledge silos by initiating and driving team-internal conversations and workshops.

```
Java  /  Github Actions  /  Terraform  /  AWS  /  PostgresQL
```

8/2018 – 3/2022

Dual Student — **OTTO GmbH & Co. KG**

Full-time work in a highly agile work environment. Despite being a student, I took part in real software development early on and substantially contributed to different parts of the company throughout my studies. Highlights include:

- Re-designing OTTO's payment matching process, utilizing innovative error-correcting checksums to reduce the amount of manual work required by over 30%.

- Getting hands-on programming experience and becoming proficient at Clean Code, CI/CD and a wide range of industry best practices.

- Building cloud-native microservices, based on an event-driven architecture, running in Kubernetes.

```
Java  /  Kotlin  /  AWS  /  Terraform Kubernetes  /  Docker
```

EDUCATION

2018 – 2022	**B. Sc. Applied Computer Science**	**Nordakademie Hochschule der Wirtschaft**

Bachelor's Thesis: "*Usage of AI in Payment Matching: A comparison of traditional algorithmic approaches with Deep Learning*".

VOLUNTEERING

2019 - 2020	**Vice President of Talent Management, AIESEC in Hamburg**	**AIESEC Germany**

During my time on the Executive Board of AIESEC in Hamburg, I was responsible for overseeing the quality of membership experience and ensuring performance. My achievements in my one-year term include:

- Analyzing recruitment pipeline conversion rates, I was able to innovate upon the way that we recruited people; my methods were later widely promoted and adopted across AIESEC in Germany.

- Beyond achieving a 200% year-on-year growth of people in our committee, I ensured high engagement throughout the Covid-19-Pandemic, in an organization that thrives primarily on personal contact and travel.

- Despite not having any experience in people management, my work was recognized nationally, winning the Talent Management Award for performing best in a wide variety of KPIs across 30+ committees in Germany.

PERSONAL PROJECTS

lingolift

A tool to create translations of sentences in foreign languages while providing grammatical explanations. Additional features include the creation of inflection tables (such as declension or conjucation) for strongly inflected languages via custom fine-tuned large language models.

The project consists of completely typed Python, with high test coverage, automated deployments and a cloud-native architecture.

Telegram-based Mood Tracker

A Telegram bot that can query, store and visualise a wide range of personalisable mental health metrics. Includes customisable reminders. Built to make tracking metrics, perhaps as a component of therapy, as easy as possible.

LANGUAGES

German - native
English - proficient

HOBBIES

In my free time, I primarily partake in physical activities. I lift weights, run, swim, bike, hike. I play several musical instruments, sing, and occasionally produce a song or two. I've performed on a popular metal album as a session musician. I also enjoy playing chess at an intermediate level.