

TOBIAS WASLOWSKI

DevOps Engineer



Hamburg



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Github



LinkedIn

WHO AM I?

I deliver well-designed and robust software due to my **passion for software craftsmanship**. My strong analytical skills and ability to grasp new concepts quickly enable me excel at **complex technical challenges**.

Cloud & Infrastructure

Kubernetes • AWS • Terraform • Docker • Linux
• GitHub Actions • FluxCD

Programming & Development

Java • Python • Go • PostgreSQL

EXPERIENCE

7/2024 – present

DevOps Engineer

OTTO Payments GmbH

As a DevOps Engineer at OTTO Payments, I am responsible for the development and maintenance of my team's cloud infrastructure, ensuring high availability and scalability of our payment services. Achievements include:

- Improving disaster recovery processes to reduce my team's RTO to 4 hours.
- Reducing vendor lock-in by moving towards a more provider-agnostic architecture.
- Reducing operational risk by applying Kubernetes best practices to increase security.
- Reducing cost and operational complexity by identifying optimizations across the entire stack.

AWS / Terraform / Docker / Kubernetes / Helm / GitHub Actions / Java

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 the development of DevOps skills. Achievements include:

- Creating a platform for scalable self-hosted Gitlab CI Runners at a large car manufacturer; aligning with teams to clarify product visions and remove roadblocks, and providing technical guidance.
- Designing and implementing disaster recovery processes for a payment provider, engineering quality assurance pipelines, and facilitating knowledge sharing through team workshops.

AWS / Terraform / Docker / Linux / Gitlab CI / GitHub Actions / Java

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. Achievements 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

My passion for software craftsmanship is reflected in my personal projects. They are primarily built for my own use, but always documented to be available to others and licensed under the permissive MIT License.

grammr

A language learning app that enables users to deeply understand grammar and vocabulary through conjugation and declension tables. Syncs with Anki, a popular open-source spaced-repetition flashcard app. Written with Java, Python and NextJS.

You can try it out at <https://grammr.app>.

PulseLog

A flexible, minimum-friction mental health tracker with custom metrics and insightful visualizations. Written in NextJS.

Available at <https://pulselog.me>.

Java / Python / GoLang / Kubernetes / Helm / FluxCD / Docker / Linux

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.