



Teun Johán Stout

Software Engineer


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🌐 Teun Johán Stout 🔄 teunstout 🚗 AM & B & A


Profile

"こんにちは" (Hello). I believe problem-solving and understanding the requirements are integral to creating well-functioning and production-ready services. I believe I developed these skills during my days as a waterpolo player at the highest level. Alongside technical skills, I place significant value on soft skills, which is why I have taken part in several exchange programs. My internships have both resulted in employment, possibly because I make an effort to understand the needs and deliver tailored applications. I thrive in challenging environments that challenge me both technically and socially. Furthermore, I am always willing to learn, and I bring a positive attitude, engaging conversation, and a smile to the workplace.

Work Experience

- | | |
|---|--|
| 03/2023 – present
Zaandam, Netherlands | DevOps Engineer, Ahold Delhaize 
Designing and implementing systems to solve complex challenges for one of the largest e-commerce supermarkets, with a focus on security, authorization, authentication, and critical infrastructure. Utilizing modern technologies and methodologies, including Kotlin/Spring, GraphQL, GoLang, PostgreSQL, Azure, Kubernetes, and more. |
| 02/2021 – 08/2022
Zaandam,
The Netherlands | DevOps Engineer, Albert Heijn
Developing applications and proof-of-concepts in a fast-paced, agile environment. Translating business requirements into actionable solutions within six months, including the creation of DevSecOps pipelines, front-end and back-end services, and maintaining clear communication with stakeholders throughout the process. |

Education

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|--|---|
| 09/2018 – 02/2023
Amsterdam, Netherlands | Bachelors Software Engineering, University Of Applied Sciences Amsterdam 
Learning about web & mobile development, applied AI, OOP, algorithms, data structures & DevOps. I've built apps with Java, TypeScript & Python, and know pipeline management, Docker & workflows. <ul style="list-style-type: none">• Web Development - creating a back-end application using Java/Kotlin, Spring, REST, and MVC;• Parallel Computing - learning and implementing concurrency and parallelism, as well as preventing common mistakes like deadlocks;• Mobile Development: creating multiple small mobile applications for Android using Kotlin;• Testing - Creating different kinds of tests like unit tests in Java/Kotlin.• GitLab CI/CD: building a pipeline with a build step, test step, and deploy step to a server. |
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Internships

09/2022 – 02/2023

Tokyo, Japan

Research Exchange Program, Shibaura Institute of Technology

In my Japanese thesis, I used ISO/IEC 25000, SCRUM, and Static Analysis to ensure quality. I also used Docker to create a portable application, resulting in a partial application that can be expanded later.

09/2021 – 02/2022

Haarlem, Netherlands

Applied Artificial intelligence Engineer, Kaptein Labs

Using computer vision to detect damaged road markings by generating images from point clouds and training a deep learning model with RCNNs using detectron2 and Python.

08/2021 – 08/2021

Östersund, Sweden

Circular design thinking | Recycling, Mid Sweden University

In the exchange program, we created value from old clothes through circular design and presented a business plan with mock-ups, improving communication skills and understanding of recycling.

08/2020 – 02/2021

Zaandam, Netherlands

Software Engineer Intern, Albert Heijn

I've developed web applications using modern techniques like Next.js, TypeScript, and Spring, while using existing infrastructure. We also customized workflows, Docker images, and YAML files for our apps.

- Creating Back-end & BFF: utilizing retrieving data, error handling, modifying data, and connecting to databases.
- Using Gatling: creating a pipeline in Jenkins and performing performance testing on the back-end and BFF.
- Monitoring: using tools like Kibana and Kubernetes containers to watch for error handling.

02/2020 – 05/2020

Utrecht, Netherlands

Javascript Developer, EatMyRide

I have experience creating an API using JavaScript to retrieve data from Garmin and other cyclist applications. This involved creating an API with OAuth for communication, retrieving and cleaning data, and implementing it with a mobile application.

Certificates

Microsoft Certified: Azure Fundamentals



AZ-900

Languages

Dutch

● ● ● ● ●

English

● ● ● ● ●

Japanese

● ● ● ● ●

Skills

Java / Kotlin / Spring

● ● ● ● ●

Soft Skills

Communicating, Presenting, Guiding Team

● ● ● ● ●

DevSecOps

Docker, Kubernetes, Workflows

● ● ● ● ●

Typescript / Javascript / NextJS

● ● ● ● ●

GoLang

● ● ● ● ●

Microsoft Azure

Blob Storage, Flex Databases, Azure AD, Networking

● ● ● ● ●