

DENIS TSVETKOV

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Technical Skills

Languages: Java, Python, Golang, Rust, JavaScript, SQL

Developer Tools: Git, SonarQube, ReportPortal, Maven, Gradle, Bitbucket, Jira, Confluence

Technologies/Frameworks: Spring Boot, Django, JUnit, Elasticsearch, Kafka, Docker, Kubernetes, Helm, Jenkins, Grafana, Prometheus, MongoDB, Microsoft SQL Server, PostgreSQL, Oracle

Experience

DHL Freight ESS

Sofia, Bulgaria

Software Engineer

6/2024 - now

- Working on a transport management system built as a large monolith, using in-house ORM framework and tools.
- Utilized Technologies: Java 8, WildFly, SQL, Oracle, Elasticsearch

Cloudflight

Amsterdam, the Netherlands

Level 1 Software Engineer and Level 2 Software Engineer

9/2022 - 5/2024

- Held the role of overseeing one of the project's subdomains focused on email notifications. This included participation in client meetings, the preparation of stories, and the implementation of complex problems.
- Gained valuable DevOps experience by actively participating in production deployments, effectively utilizing Docker, Kubernetes, Helm, and XL Release in the process. In addition, I was responsible for investigating and fixing production incidents.

Software Engineer Intern

7/2022 - 9/2022

- Participated in an outsourced project for a prominent European transportation company, actively contributing to a complex ecosystem comprising over 200 microservices, which generated a staggering daily traffic of more than 2 million Kafka messages.
- Engaged in the refactoring of a significant project monolith into a collection of microservices, utilizing key technologies such as Java, Spring Boot, Kafka, and Jenkins.

KB, National Library of the Netherlands

Delft, the Netherlands

Software Engineer Intern

4/2022 - 6/2022

- Built an open-source web application that makes e-books more accessible for visually impaired people. The main focus was on enriching images with automatic annotations using Google's Vision AI, Microsoft's Azure AI Vision, and Yake.
- Contributed to the development of an interactive Graphical User Interface (GUI) aimed at providing book annotators with a tool to improve image descriptions. The GUI was written in React.
- Architected and helped build a server and its underlying APIs. The primary tools used were Python, Django, and MongoDB.
- Established a Continuous Integration (CI) pipeline for building and testing the code. Achieved this by containerizing the applications using Docker.
- Served as a Scrum Master for my team, taking charge of weekly meetings, estimation sessions, and sprint retrospectives.

Education

Delft University of Technology

Delft, the Netherlands

Bachelor of Science in Computer Science and Software Engineering

2020 - 2023

- **Selected Coursework:** Algorithms & Data Structures, Algorithm Design, Algorithms for NP-Hard Problems, Machine Learning, Computational Intelligence, Collaborative Artificial Intelligence
- **Awards:** Graduated with distinction (*'cum laude'*) with a Bachelor's thesis grade of 8.5 and a GPA of 8.06 out of 10.

Sofia High School of Mathematics

Sofia, Bulgaria

Diploma of Secondary Education

2012 - 2020

- Engaged in a program with an intense focus on mathematics and informatics.
- Actively participated in mathematics competitions in Bulgaria, achieving consistently strong results and securing a few top 3 finishes.
- Excelled in my end-of-study state exams and graduated with an overall result of 5.79 out of 6.