

TOMASZ DUDZIK



CONTACT

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- [LinkedIn profile](#)
- [Github profile](#)
- [Portfolio website](#)

SKILLS

- Java
- Spring
- Spring Boot
- Hibernate
- REST API
- PostgreSQL, MongoDB
- JUnit, Mockito
- Jenkins
- Docker
- IntelliJ, Postman, Git
- Basic of microservices architecture
- Basic of Kafka
- Keycloak, OAuth2
- React.js
- Basic of AWS – I'm learning to certification AWS Developer - Associate
- Team player
- Planning skills
- Engagement

LANGUAGES

- Polish - native
- English – B2
- German - beginner

HOBBY

- Self-development-books
- Aircraft modelling
- Listening to podcasts
- Cycling

JUNIOR JAVA BACKEND DEVELOPER

ABOUT ME

I'm a 23-year-old graduated Automatic and Robotics engineer and **Computer Science student** at the Silesian University of Technology. I'm fascinated by programming, especially **Java** and the technologies around it. I try to solve common problems by creating software. Personally, I'm a **fast learner** and I can **comprehend** advanced concepts. I'm also **team player** and have organization skills.

EDUCATION

- Master of Science in Computer Science**
Silesian University of Technology
2023 – Current (Planned completion: Spring 2024) I'm going to change study mode to part-time.
- Automation and Robotics Engineer**
Silesian University of Technology
2019 – 2023 (**Finished**)
Thesis: Design and implementation of a web application for learning speed reading

WORK EXPERIENCE

- Planetfan – from 2019 to present
- That's is my current not full time job. Planetfan is industrial fans manufacturer company. Initially, I worked as a constructor, but I started to learn programming. For two years I have been developing software for internal needs and running the new company website www.planetfan.pl.
- Developing software to speed up company processes (**Java, React, JavaFX**)
 - Software for generating DXF nameplates (**Java, JavaFX**)
 - Automation of machine translation of the website (**Java, DeepL API**)

PROJECTS

- Speed Reading Application**
The work aims to design and create a **web application** that allows you to learn and improve your **speed reading skills**. The app offers tools to **measure** reading speed and text comprehension. The implemented **exercises** focus on accelerating perception, expanding the **field of vision**, excluding **phonetization** and **regression**. The application user has the option of following a **training plan** consisting of 21 sessions Communication between frontend and backend takes place via the **REST API**. The system was implemented on a home server using **Docker** containerization technology.
 - Java and Spring Boot + React.js
 - JUnit, Mockito
 - Security based on JWT Token
 - REST API, PostgreSQL database
- GAIA Astrometry Data Compressors Comparison**
Project obtain to compare different compressors used on GAIA astrometry data. Compressors has been applied for DR1 and DR3 GAIA data. The program run compressors, collect compression and decompression data, check integrity after decompression and show results on charts.
 - Java
 - JavaFX

- Business Trip Reimbursement Calculation Application**
Web Java application to manage the reimbursement, expenses, car usage of a workers after a business trip. Two types of users with different capabilities were defined. User can use calculator to make a request for reimbursement, calculations are made using data defined by admin.
 - Jakarta EE, JUnit
 - MVC + JSP

- Our Kitchen – Your Health**
Our Kitchen - Your Health is a backend project for FICTIONAL dietetic catering company. To ensure high accessibility and handle a large volume of requests, I opted for a microservice architecture in developing the **backend** project. By using **microservices**, the system can be designed to handle specific tasks independently, making it more **scalable** and flexible. The project in the development phase.
 - Java and Spring Boot
 - Integration with payment service **PayU**
 - Microservices architecture
 - Multiple **NoSQL** and **SQL** databases
 - Docker
 - OAuth2.o** flow
 - Reactive programming
 - OpenFeign and other microservices tools

CV CLAUSE

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).