

LAURA WOŁOSZUN

JUNIOR JAVA DEVELOPER



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github.com/laura-w



laura-w.github.io



Lublin/Warsaw/remote

About Me

As a recent graduate with a master's degree in Computer Science, I am eager to gain professional experience in the IT industry to expand my skills, learn new technologies, and adopt best practices in software development. With a strong foundation in Java, Spring, and RESTful services, I am confident in my ability to contribute to project success and collaborate effectively within a team. My academic experience includes applying clean code practices and test-driven development, along with solid teamwork and communication skills from collaborative projects. I am excited to bring my skills and passion for technology to real-world projects.

Projects

GitHub Repositories – 2024

github.com/laura-w/GitHubRepositories

Java application to retrieve and display information about a user's GitHub repositories. It connects to the GitHub API to gather repository data. The application temporarily stores this information in a MongoDB database to minimize redundant API calls and improve performance.

Experience in external API interaction (integration and testing), testing frameworks (JUnit, Mockito), and optimization strategies such as minimizing API calls.

Technologies used: Java, Spring Boot, Lombok, MongoDB, Spring Data, Docker Compose, JUnit, Mockito, MockWebServer

Android Application for Identifying Instruments – 2024

github.com/laura-w/InstrumentFinder

Mobile application in Kotlin designed to identify musical instruments from recorded sounds using a machine learning algorithm hosted on a Python server. It is integrated with a server that processes audio files using machine learning. This project was developed as part of my master's thesis.

Technologies used: Kotlin, Python, Flask

Social Network Application – 2023

github.com/SpringSummerSN/Social-Network

A collaborative project to create a social networking site. Worked as part of a team to develop the application using Java, Spring Boot, and REST API. Developed functionality for users to manage posts, functionality to register users and created various RESTful endpoints. Conducted code reviews.

Technologies used: Java, Spring Boot, Spring Security, REST API, JUnit, MySQL, Git, Swagger

Web application for managing a bookstore – 2023

github.com/laura-w/BookStoreEnterprise

Web application in Java for managing an online bookstore, integrated with the PayU payment system to facilitate transactions. The application handles tasks such as book inventory management, user authentication, and order processing.

Technologies used: Java, Hibernate, Spring, Spring Security, MySQL, Git

Education

10.2022 - 06.2024

Marie Curie-Skłodowska University Lublin

Master's degree in Computer Science

10.2018 - 09.2021

Marie Curie-Skłodowska University Lublin

Bachelor of Mathematics, specialization in Computer Mathematics

Key Subjects – Java, Spring Framework, Machine Learning, Relational Databases, RESTful Services, Software Testing, Software Architecture, Git, Python

Key Subjects – Algorithms, Data Structures, Programming in C++ and Java, Relational Databases, Linux system, HTML, CSS

Language

- **English** - intermediate level (B2) allowing for communication and reading technical documentation
- **Polish** - native

Skills

- Java
- Spring Boot
- Hibernate
- SQL
- REST API
- JUnit
- Git
- Docker
- IntelliJ
- Linux
- TDD, Clean code
- **Collaboration:** team communication and collaboration skills
- **Time Management:** effectively balanced multiple academic projects and deadlines
- **Adaptability:** quickly learned and adapted to new tools and technologies