Jakub Woiński

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EXPERIENCE

Britenet, Białystok – Software Java Developer

July 2021 – October 2021

Taking part in the development of web applications using backend technologies and tools such as Java, Spring Boot and Docker. Working on application security (Spring Security), database management (MySQL, Hibernate) and migrations (Flyway, Liquibase). Participating in unit and integration testing using Mockito and JUnit, and code versioning with Git.

Freelancer, Białystok – Private teacher of higher mathematics and computer science

January 2021 – now

Teaching mathematics to university students individually, focusing on topics such as mathematical analysis, linear algebra, differential and integral calculus, and statistics. Adapting the material to the level and needs of the student, explaining complex concepts, and solving difficult tasks and problems.Supporting students in preparing for exams, helping them understand theory and develop practical skills.

Freelancer, Białystok – Programmer implementing custom projects

January 2024 – now

Carrying out programming projects for students, including creating applications, scripts and technical solutions in line with the requirements of academic courses. The scope of work included requirements analysis, design, implementation and testing of solutions.

Pacman Game

- **Technologies**: Java, JavaFX, Maven, Lombok
- Implemented a classic Pacman game with dynamic maze generation and AI-controlled enemies.

STACK

Java
Spring Boot
Spring Security
Spring Data JPA
Maven
Hibernate
Flyway
Liquibase
Docker
OpenAPI 3.0
Swagger UI
Lombok
Mockito
JUnit
Git
MySQL

LANGUAGES

Polish– C2

English – B2

German – A2

LINKS

www.linkedin.com/in/jakub-woiński-718985268/

https://github.com/JWoinski

Order Monitoring System with Kafka

- **Technologies**: Java, Spring Boot, Apache Kafka, PostgreSQL, Docker, OpenAPI 3.0, Lombok, Mockito, Spring Security
- Developed a distributed system for real-time order tracking and management with RESTful API and Kafka-based communication.

Mathematical Equation Solver with GUI

- **Technologies**: Java, Swing, Apache Commons Math, Maven
- Created an application to solve complex mathematical equations with a user-friendly graphical interface.

EDUCATION

University of Bialystok, Bialystok - Bachelor's degree (scientific scholarship holder, diploma thesis in the field of artificial intelligence- comparing deep neural networks in a classification task)

October 2019 - July 2022

Studying computer science, gaining knowledge and skills in programming, algorithms, databases and software engineering. Thanks to high academic results,a scholarship was awarded. My diploma thesis concerned artificial intelligence on deep neural networks, which allowed me to deepen my knowledge in this dynamically developing area. The study program emphasizes practical projects and developing analytical competences and problem solving.

NON-COMMERCIAL PROJECTS

https://github.com/JWoinski/currency-app

-Online currency exchange application with real-time currency exchange rate updates - currency exchange application that automatically downloads currency rates (PLN) from the NBP website, allowing users to track the latest exchange rates.

https://github.com/JWoinski/online-shop

-E-commerce platform with a basket and authorization, an e-commerce platform that allows users to add products to the basket, make safe purchases using token authorization and browse the assortment with filtering and sorting options.

https://github.com/JWoinski/job-offer-matcher

-A job offer aggregator application, an application that collects job offers from various sites including noFluffJobs and sends personalized job offers according to user preferences

Check out one of my projects at this QR code:

https://github.com/JWoinski/registration-system

–REST API for course registration with place control – API for managing student registrations for courses, which takes into account place limits on a course and the maximum number of courses a single student can register for.

COURSES

Java Technology Course (1.5 years)

August 2022 - January 2024

completed an intensive, 1.5–year Java programming course, led by a Senior Java Developer with 15 years of experience in the IT industry. The course covered advanced technologies and tools used in the daily work of a programmer. During the course, It was the opportunity to work on live tasks related to the senior's projects, which allowed me to gain practical experience in working with real programming problems. In addition, the course included elements of working in a scrum team, which allowed to learn the Scrum methodology.