TOMASZ
ZBROSZCZYK

Computer Science Student

CONTACT

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TECHNICAL SKILLS

- Java
- C, C++
- C#
- Python
- Spring
- WPF, WinForms
- Algorithms and Data Structures
- SQL
- NoSQL
- UNIX, Linux
- Windows
- MS Office
- HTML, CSS
- JavaScript
- React
- Git
- Docker

ABOUT ME

I am a 21-year-old third-year Computer Science student at the Warsaw University of Technology., fluent in English. Over the past 7 years, I've dedicated myself to mastering Java programming, driven by my ambition to become a proficient programmer. Since the age of 13, I've been deeply immersed in coding, relentlessly pursuing excellence as I explore new challenges in the field of IT.

EDUCATION

Warsaw University of Technology

Bachelor of Science in Computer Science and Information Systems

Oct 2022 - Jan 2026

LXX Kamiński Highschool, Warsaw

Highschool Graduate - Mathematics and IT Profile

Sep 2019 - May 2022

WORK EXPERIENCE

Karate Kyokushin Teacher and Kickboxing Instructor

KS KYOKO - October 2022 - February 2023

As a Karate Kyokushin Teacher for children and Kickboxing Instructor for adults at KS Kyoko, I developed and implemented structured training programs tailored to various age groups and skill levels. I focused on fostering physical and mental discipline, which honed my organizational and leadership abilities. I managed class schedules, tracked student progress, and adapted teaching methods to meet individual needs.

Supervising Teacher and Martial Arts Instructor

CHRIS Turystyka i Rekreacja - Summer 2022, Summer 2023

As a Supervising Teacher and Martial Arts Instructor at CHRIS Turystyka i Rekreacja summer camps, I taught children aged 8-16 martial arts techniques, focusing on their physical and mental development. I organized daily schedules, ensured adherence to dietary guidelines, and managed their overall well-being

SOFT SKILLS

- Teamwork
- Analytical thinking
- Adaptability
- Problem-solving
- Communication skills

LANGUAGES

- Polish - Native
- English - C1
- German - B1

HOBBIES

- Martial arts
- Scuba diving
- Cooking
- Windsurfing

Web Automation Engineer

Quarkoo S.A. - November 2020 - December 2020

Techonologies: Docker, Selenium with Java, Git, Jira, Kubernetes

Contributions:

- Designed, developed, and maintained automated test scripts using Selenium WebDriver and Java.
- Identified, documented, and reported bugs using JIRA, and worked closely with developers to resolve issues.
- Set up and managed test environments using Docker, ensuring consistency and scalability of test setups.
- Collaborated with developers, product owners, and other stakeholders to understand requirements and ensure quality deliverables.

PROJECTS

TalkMeow: Real-time chat Website

I developed TalkMeow, a web application designed as a real-time chat platform for cat lovers, utilizing Java 21 with Spring Boot for backend functionality and Thymeleaf for dynamic server-side rendering. The frontend was implemented with JavaScript and custom CSS for a lightweight interface, while real-time messaging was facilitated by WebSockets. I employed Azure PostgreSQL as the primary database with a Docker PostgreSQL failover for continuity, adhering to the MVC pattern with JPA/Hibernate for database interactions. The project included comprehensive security with Spring Boot Security and was tested using JUnit.

https://github.com/Hammershlag/TalkMeowWebApp

MerchStore: A Comprehensive E-commerce Solution

This project is a comprehensive e-commerce platform developed using Java and Spring Boot for the backend, and JavaScript for the frontend. It offers a wide range of features that cater to both buyers and sellers. For buyers, the application provides a user-friendly interface to browse items, add them to their cart, and proceed to checkout. For sellers, the application provides an easy-to-use platform to list their items for sale. The application also integrates with an external API to update and manage currency exchange rates. Built with Maven and using SQL for data management, the project demonstrates a strong understanding of modern web development practices, including RESTful services, data persistence, and client-server interaction.

https://github.com/Hammershlag/MerchStore

FlightRadar: OOD Project

During this project, I developed a C# flight data management application, enhancing my skills in Object-Oriented Design (OOD). I handled data loading and serialization, integrated real-time updates using a simulated network data source, synchronized data with a GUI, and implemented a news generation system. I also managed dynamic data updates and created a command system for querying and manipulating data, applying key OOD principles. This experience improved my ability to create scalable, maintainable, and efficient software solutions.

https://github.com/Hammershlag/FlightRadar