

# Wojciech Szlosek

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## EXPERIENCE

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- **XTB** Warsaw, Poland  
May 2022 - Present  
*Junior Software Engineer (Java/Scala)*
  - programming in Java and Scala
  - developing applications for (among others):
    - \* analyzing transactions for exceeding limits on a given client or financial instrument
      - Scala, Akka, RabbitMQ, MongoDB, Hazelcast, Play Framework
    - \* handling FIX-protocol market data and transaction systems
      - Java, Spring Boot, RabbitMQ, REST API, Kubernetes
  - creating CI/CD in Jenkins and GitLab; working with Kubernetes, Docker, Gradle
- **XTB** Warsaw, Poland  
February 2022 - May 2022  
*Software Engineer Intern*
  - joined the xREF Team, collaborated within a Scrum framework
  - became familiar with the specifics of the company and IT tools
  - completed basic tasks on XTB systems using Java and Scala, as well as other IT technologies

## EDUCATION

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- **Jagiellonian University** Krakow, Poland  
October 2022 - Present  
*Master of Computer Science*
  - Faculty of Mathematics and Computer Science
  - Specialization: Software Engineering
- **Jagiellonian University** Krakow, Poland  
October 2019 - June 2022  
*Bachelor of Computer Science*
  - Faculty of Mathematics and Computer Science
- **Kazimierz Brodziński 1st High School** Tarnow, Poland  
September 2017 - May 2019  
*Extended program of Mathematics and Computer Science*

## CERTIFICATIONS

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- **PRINCE2 Foundation** September 2023 - September 2026  
*Axelos Global Best Practice*
  - Project Management

## TECHNICAL SKILLS

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- **Languages:** Java, Scala, Kotlin, Python, SQL
- **Databases:** PostgreSQL, MongoDB, InfluxDB
- **Other:** Git, Jenkins, GitLab CI/CD, Gradle, Maven, RabbitMQ, Kubernetes, Docker
- **Frameworks:** Akka, Spring Boot

## LANGUAGES

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- **Polish:** Native
- **English:** Intermediate in speech and writing (B2)

## SAMPLE PROJECTS

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- **Gym:** Java-based application written using Spring Boot, designed to manage gym/sports clubs operations. It uses an H2 database (with Flyway) with data such as coaches, clubs, events, and weekly events. The application enables sports class planning and also contains logic related to event planning and creating participant limits. Project also includes unit tests.
  - **Languages and technologies:** Java 17, Spring Boot, REST API, H2, Flyway, Docker
- **Fashion Store - mobile application:** A mobile application for the Android platform that supports both the back-end and client-side application of the fashion store. The application includes: User Interface, a RESTful API with CRUD methods for each model; server and client-side databases, login with GitHub OAuth authentication, Stripe and Google Maps integration.
  - **Languages and technologies:** Kotlin, Ktor, SQLite (JetBrains Exposed), MongoDB Realm, Retrofit
- **Cadenza:** The Cadenza project leverages Long Short-Term Memory (LSTM) networks to generate seamless continuations of MIDI music tracks, showcasing a sophisticated blend of machine learning and "creativity" in music generation.
  - **Languages and technologies:** Python, Deep Learning, TensorFlow

## ORGANIZATIONS

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I'm a member of **Computer Science Students' Association of the Jagiellonian University (KSI UJ)**.  
I actively participate in industry conferences and engage in professional meetings.

## PASSIONS AND INTERESTS

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Deep Learning, mutation testing, football, world cuisines, reading, blogging.

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).