

# Adam Kowalski

Full Stack developer

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## Projects

### FirstProject Oct 2023 — Mar 2024

Price watcher and notifier for popular shopping sites. Users can store multiple products on their accounts, edit price alerts, titles, descriptions, etc.

- Playwright is used for web scraping
- Spring Boot JPA and PostgreSQL is used for database management
- Spring Boot Security are used for website security
- JWT tokens are used for user authentication
- Thymeleaf and HTMX used for dynamic HTML templates
- Bcrypt is used for password hashing
- JUnit is used for tests
- A fully functional website coded using HTML, CSS, SCSS, and JavaScript
- Works also on Telegram with the Telegram API library fully developed by me

### SecondProject Jun 2023 — Oct 2024

Telegram bot that downloads files from popular websites. Bot can also add ID3 tags to MP3 songs.

- Yt-dlp is used for downloading files
- Spring Boot JPA and PostgreSQL are used for database management
- JUnit is used for tests
- Project runs on Telegram with the Telegram API library fully developed by me

### Mini Projects Feb 2023 — Apr 2024

Mini projects written fully in Java without any frameworks and additional libraries.

- Tetris - built along with the rules described in the 2009 Tetris Design Guideline which includes the Super Rotation System and T-spins
- Snake - a regular, slightly enhanced snake
- Stopwatch - inspired by the appearance of the stopwatch on OnePlus phones
- Calculator - inspired by the appearance of the calculator on MacBooks

## Skills

### Programming Languages

Java, JavaScript, HTML, CSS, Sass

### Libraries & Frameworks

Spring Boot (JPA, Security, Web), Playwright, JUnit, Thymeleaf, HTMX

### Tools & Platforms

IntelliJ IDEA, Visual Studio Code, Docker, Git, GitHub, Maven, PostgreSQL, Photopea, Figma, AI

## Education

### Zespół Szkół Technicznych w Somewhere

High school specializing in computer science

## Languages

Polish — native  
English — B1/B2

## Interests

Street workout, music, technological innovations, cryptocurrencies