Łukasz Pelikan

Junior Java Developer

About Me

I am a Junior Java Developer passionate about building efficient, scalable applications. Experienced with Java, Spring Boot, and web development. I am focused on writing clean code and solving real-world challenges. Eager to contribute and grow in a professional team.

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Skills

- Java 17+, Spring / Spring Boot
- Rest API, Swagger UI
- SQL: PostgreSQL, MySQL, Hibernate, Flyway
- NoSQL: MongoDB & MongoExpress
- Redis & Jedis & Redis-Commander
- Docker & Docker-Compose & Docker Desktop
- AWS: EC2, ECR, IAM, Security Groups
- Tests: JUnit, Mockito, Testcontainers, MockMvc, WebTestClient, TDD, BDD (Cucumber), JMeter
- Git & GitHub
- Maven & Gradle
- IntelliJ IDEA & Visual Studio Code
- CI/CD & Tools: Jenkins, SonarQube, SonarScanner
- Agile methodologies & Scrum & JIRA & Trello
- Thymeleaf & Basics of: HTML & CSS & JS & TS & React
- Windows & Linux

Languages

- English - C1
- Polish - native
- Spanish/French/Finnish - A2

Education

Lodz University of Technology | Poland
Bachelor's Degree | Computer Science
2022 - current

Metropolia University of Applied Sciences | Finland
Bachelor's Degree | Information Technology (Erasmus Exchange)
2025 - current

Projects

Job Offers — **Github**

A web application for collecting job offers for Junior Java Developers from various online sources (e.g. websites, APIs). The app periodically fetches and aggregates listings via scheduled REST calls. Hosted on AWS with a live demo available at: ***live-demo***

Tech: *Spring Boot (Web – RestControllers, Test, Data MongoDB, Validation, Security, JWT, Spring Scheduler), Java 17, MongoDB + MongoExpress, Docker & Docker-Compose & Docker Desktop, Wiremock, Log4j2, Testcontainers, RestTemplate, JSON, HTTP, MockMvc, Awaitility, Unit Testing (JUnit5, Mockito, AssertJ), Integration Testing (SpringBootTest, MockMvc, SpringSecurityTest), Lombok, Redis & Jedis & Redis-Commander, Maven, Git, GitHub/GitLab, IntelliJ Ultimate, Swagger, AWS (EC2, ECR, IAM, Security Groups), React (frontend), Jenkins, SCRUM, Jira, Code Review, and pair programming experience.*

Karate Management System — **Github**

A web app for managing karate trainings with user and admin roles. Users can sign up for the trainings and pay for them via PayPal; admins provide feedback. A scheduler sends membership fee reminders to users at the beginning of each month.

Tech: *Java 17, Gradle, Git, Spring Boot, PostgreSQL, Hibernate, Flyway, Thymeleaf, PayPal API, Spring Security, Spring Scheduler.*

Lotto — **Github**

A lottery draw web app built with Spring Boot, using modular monolith and hexagonal architecture. Users can participate, view results, and manage tickets, designed for scalability and maintainability.

Tech: *Java 17, Maven, Git, Spring Boot, Spring Data, MongoDB, JUnit, AssertJ, Mockito, Test Containers, MockMvc, WireMock, Docker, REST API, GitHub.*

Courses

Junior Java Ready
February 2025 - April 2025
Junior Java Ready
Developed two large-scale projects using Spring Boot, MongoDB, Redis, and Docker, with a focus on clean code, CI/CD, and testing.

Zajavka - Java Developer (Bootcamp + 22 Workshops)
September 2023 - March 2025
Udemy
Completed 22 Java workshops, gaining hands-on experience in web apps, REST APIs, and databases with Spring.

Responsive Web Design
April 2025 - May 2025
freeCodeCamp
Gained practical skills in HTML, CSS, and responsive design to build mobile-friendly websites.

Agile Scrum Master Basics
April 2025
Simplilearn
4h course on Scrum fundamentals

Hobbies

I've been training **karate** for 15 years, achieving 1st DAN black belt, and have been a sensei for the past year. My passion for software development drives me to constantly improve, applying principles from **"Clean Code" by Robert C. Martin** in my work.