



BEATA KOZIEŁ

SOFTWARE ENGINEER

Backend-focused Software Engineer experienced in building systems in Kotlin and Spring, including event-driven architectures with Kafka. Recently focused on product-oriented engineering and AI-assisted tooling.

CONTACT



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EDUCATION

MASTER IN COMPUTER SCIENCE

Kielce University of Technology

Feb 2021 - Sep 2022

BACHELOR IN COMPUTER SCIENCE

Kielce University of Technology

Oct 2017 - Feb 2021

LANGUAGES

- Polish - Native
- English - C1

TRAININGS

- AI_devs 4
- Introduction to DDD - Bottega IT Minds
- Testing Microservices - Bottega IT Minds
- Apache Kafka - Bottega IT Minds
- MongoDB Java Developer Path

EXPERIENCE

SYMMETRICAL.AI LIMITED

Senior Backend Engineer | Jan 2026 - present

Backend Engineer | Jan 2022 - Dec 2025

- **Drove the introduction of multi-tenancy**, redesigning services to enable multiple organizations within a single platform instance
- **Led the design and implementation of RBAC system based on OpenFGA**, enabling fine-grained authorization across the platform
- Contributed to the development of an **agentic coding approach**, including building internal tooling and a company-wide marketplace for AI-assisted development workflows
- **Expanded role towards full-stack development**, delivering features end-to-end across backend and frontend layers using AI-assisted coding tools
- **Designed and implemented event-driven integrations between microservices using Apache Kafka**
- Built internal tools and utilities to improve development and operational workflows (Slack applications, Kafka library, file importer)
- Developed and maintained backend services for HR automation processes, supporting core business operations
- Led Agile ceremonies and technical discussions, including sprint planning, backlog refinement, and retrospectives
- Wrote unit and integration tests using mainly Kotest, Testcontainers, and in-memory repositories, with SonarQube used to monitor code quality and test coverage

Tech stack: Kotlin, Spring, Apache Kafka, MongoDB, Mongock, JUnit5, Kotest, Spock, Mockk, Testcontainers, Docker, Jenkins, Grafana, Git, Bitbucket, Gradle, Claude (earlier Copilot, Junie, Codex)

SOFTY LABS

Java Developer | Apr 2020 - Dec 2021

Worked on solutions for a mobile ticketing client and participated in the integration of the BLIK payment system into client platforms. Contributed to the development of an internal admin panel for an insurance company and a charitable donation platform.

Tech stack: Java, HTML, CSS, Bootstrap, Spring Framework, Hibernate, PostgreSQL, MySQL, Elasticsearch, Lombok, JUnit5, Mockito, Testcontainers, Maven, Gradle, Git, Bitbucket, Jira, IntelliJ IDEA, Docker, Jasper Reports

RIDA SOFTWARE

Junior Fullstack Developer | Jul 2020 - Sep 2020

Contributed to the development of a car dealer application and a PDF extractor for automated invoice data processing.

Tech stack: C#, .NET Core, MS SQL, Vue.js, Visual Studio, Visual Studio Code

ALTAR

Backend Developer Intern | Jul 2019 - Aug 2019

Developed an email microservice and admin panel, focusing on IMAP integration and message management.

Tech stack: Java, Spring Framework, RabbitMQ, JUnit5, Mockito, Maven, Git, GitLab, IntelliJ IDEA