

Mateusz Wielgosz

📍 Poland (Open to Remote)
✉️ mtmwielgosz@gmail.com | 📞 +48 780 059 055
🔗 LinkedIn: <https://www.linkedin.com/in/mateusz-wielgosz/>



Senior Java Backend Engineer | Spring Boot | Microservices | AWS | AI

Senior Java Backend Engineer with 10+ years of experience building scalable, high-availability systems in fintech and insurance domains.

Specialized in Java 17+, Spring Boot, and distributed microservices architectures deployed in cloud environments (AWS, Kubernetes). Strong track record in improving system performance, reliability, and delivering production-critical applications.

Experienced in full software lifecycle, CI/CD pipelines, and mentoring developers. Strong communication skills in international environments.

Key Strengths

- Microservices & distributed systems
 - High-availability system design
 - Performance optimization & scalability
 - CI/CD & DevOps practices
 - Mentoring & onboarding engineers
 - Technical recruitment & interviewing
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Tech Stack

Backend: Java 17+, Spring Boot, Spring, Java EE

Frontend: React

AI Tools: Kiro, Claude Code, others including gen AIs

Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins

Databases: PostgreSQL, Oracle, DB2, SQL

Tools: Git, Maven, SonarQube, Nexus, IntelliJ

Testing: JUnit, Mockito

Other: Microservices Architecture, REST APIs, WebSockets

Professional Experience

Java Engineer

07.2015 – Present

Real-Time Betting Platform (FinTech / High-load system)

09.2021 – Present

- Developed and maintained high-availability microservices system for a leading betting platform
- Delivered backend features used by thousands of concurrent users in real-time
- Worked in “you build it, you run it” model (ownership of production systems)
- Improved system stability and reduced incidents through optimizations and monitoring
- Integrated multiple internal and external services (REST, WebSocket)
- Contributed to CI/CD pipelines enabling frequent and reliable releases
- Ensured high code quality via code reviews, automated testing and SonarQube

Technologies: Java 17+, Spring Boot, React, Kubernetes, AWS, Jenkins, SQL, WebSockets, AmazonQ, Kiro

Finance & Leasing Management System

12.2019 – 08.2021

- Developed modular enterprise system supporting leasing and financial workflows
- Integrated complex external services and improved system reliability
- Collaborated directly with clients to clarify business requirements
- Analyzed and processed large datasets from relational databases
- Delivered multiple successful production releases with high customer satisfaction

Technologies: Java EE, React, JSF, DB2, SQL, Jenkins

Insurance Systems (Multiple Projects)

01.2018 – 11.2019

- Developed and maintained enterprise insurance applications used across EU markets
- Improved system architecture by initiating migration from desktop to web (PoC with Vaadin)
- Led small teams (up to 10 developers) and supported project coordination

- Implemented testing strategies (unit, automation, performance)
- Worked closely with business stakeholders and clients

Technologies: Spring, JSF, Hibernate-like frameworks, Oracle, PostgreSQL, Selenium

Early Career & Additional Projects

2015 – 2017

- Developed enterprise systems in insurance domain
 - Implemented Agile practices and improved team workflows
 - Managed IT initiatives in student organization (Enactus – national winner)
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Education

Cloud Solution Architect (Postgraduate)

WSB University, Wrocław (2020–2021)

M.Sc. Engineering Management

Wrocław University of Economics (2017–2018)

B.Eng. Computer Science

Wrocław University of Science and Technology (2013–2017)

Additional Experience

- Mentored junior developers and onboarded new team members
 - Conducted technical interviews (Java, Spring, React)
 - Taught programming at university level
 - Created programming tasks and organized competitions
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Languages

- English – C1
 - German – B2 (business)
 - Polish – Native
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Additional Information

- Experience working in fully remote teams
- Interest in game development (Unity)