



Rafał Klimonda

Java Developer • Software Architect

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[LinkedIn](#) [GitHub](#)

Professional Summary

Java Developer and Software Architect with 8+ years of experience in backend development. Strong focus on building robust applications using Spring Boot, designing scalable systems, and modernizing legacy codebases. Experienced in Java migrations (e.g., Java 8 to 17), event-driven architectures, and integrating technologies like Kafka and MQTT. Passionate about clean code and backend design principles. Familiar with Angular and Swagger tooling. Enthusiast of microservices, messaging systems, and performance optimization.

Technical Skills

- Java (8–21), JPA, Hibernate, JPA Criteria API, Envers
- Kafka, MQTT, Protobuf
- MyBatis, Maven, JHipster
- Docker, Kubernetes, AKS, Azure, Jenkins, GitLab CI/CD
- Angular, React, TypeScript
- IBMi, RPG, CL
- Spring Boot, Spring Security
- PostgreSQL, Oracle, PL/SQL, Flyway, Liquibase
- Swagger (Java & JS)
- Bash
- TDD, DDD, REST APIs

Work Experience

Senior Java Developer @ Vakoms (2023 – Present)

- Co-designed RailDataServices 2.0 for StadlerRail
- Split legacy monolith and created interoperable microservices
- Introduced Kafka and MQTT for modern messaging
- Worked alongside modern Angular frontend teams

Senior Java Engineer @ HSBC (2022 – 2023)

- Built secure, scalable microservices for banking services
- Provided triage support and debugging assistance across multiple teams
- Delivered small React-based frontend changes

Java Developer @ BNY Mellon (2021 – 2022)

- R&D on internal dev frameworks for fast service delivery
- Implemented and designed a large-scale application using the internal framework
- Performed extensive SQL optimization for performance
- Applied advanced Hibernate, JPA Criteria API, and Envers techniques

Software Developer (2016 – 2021) @ Volvo IT

- Redesigned and migrated JDBC-based integration applications between DLx Dispatcher and IBM MQ broker
- Designed DevOps flows and deployment strategies for warehouse integration
- Migrated Volvo warehouses across Europe and the USA

Application Support (2014 – 2016) @ Volvo IT

Education

Wrocław University of Technology

M.Sc. in Control Engineering and Robotics

Languages

- Polish (native), English (fluent), Russian (basic)

GitHub & Projects

Custom home automation projects using ESP32, OpenHAB, and 3D printed enclosures. Visit: github.com/maniekcs

Hobbies

Corgis | ESP32 | Smart Home (OpenHAB) | Gym | Aliexpress Tinkering | Jugglery & Unicycling | 3D Printing & Modelling | Honda Civic

Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w mojej ofercie pracy dla potrzeb niezbędnych do realizacji procesu rekrutacji (zgodnie z ustawą z dnia 10 maja 2018 roku o ochronie danych osobowych (Dz. U. z 2018 r. poz. 1000) oraz zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27 kwietnia 2016 r. w sprawie ochrony osób fizycznych w związku z przetwarzaniem danych osobowych).