

Maciej Walkowiak

e-mail: walkowiak.maciej@yahoo.com

Website: <https://maciejwalkowiak.com>

Twitter: [@MaciejWalkowiak](https://twitter.com/MaciejWalkowiak)

Github: <https://github.com/maciejwalkowiak>

PROFILE

I am a freelance software architect & developer helping businesses in solving their issues through consulting and building custom software. I've been working as a software engineer for over 11 years as developer, architect, advisor, team leader and Scrum Master. I specialise in delivering solutions in Java, Spring, AWS and ReactJS. I contribute to open source projects: Spring Boot, Spring Data JDBC, Spring Data MongoDB, Spring AMQP, Spring Cloud AWS. Big fan of agile methodologies, clean code and testability.

TECHNICAL SKILLS

Programming languages: Java, Kotlin, JavaScript

Major libraries and frameworks: Spring Boot, Spring Cloud, Spring AMQP, Hibernate

Infrastructure tools: Amazon Web Services, RabbitMQ, Maven, Jenkins, Splunk, Datadog, Firebase

Testing tools: JUnit, Mockito, Cucumber, Spock, AssertJ

Frontend technologies: ReactJS, SASS/LESS, jQuery, AngularJS, Material Design

Practices: OOP, TDD, Continuous Delivery, Web Services, REST, Messaging, BDD

Project Management: Scrum, Kanban, Agile methodologies, JIRA

Databases: PostgreSQL, MongoDB, DynamoDB, Redis

SOFT SKILLS

- Experienced in working directly with business and final customer
- Experienced in working remotely as well as on-site
- Team builder and player
- Shares knowledge through pair programming, teaching, mentoring

CERTIFICATION

- AWS Certified Solutions Architect Associate
- Sun Certified Java Programmer 5.0
- Professional Scrum Master I
- M101J - MongoDB for Java Developers

LANGUAGES

- english - very good
- polish - native

EXPERIENCE

Upday (Berlin)

September 2015 - September 2018

Senior Java Developer & Architect

Major technologies: Spring Boot, AWS, ReactJS, RabbitMQ

- leading the design and development of backend for largest news application in Europe handling more than 20 millions active monthly users
- advising CTO and product managers in choosing tech stack and approaching issues/new features
- introduced and developed microservice architecture based mainly on Spring Boot & Spring Cloud with RabbitMQ as a message broker
- developed rich Content Management System used by editors all over the Europe
- developed solution for delivering push notifications to users within seconds
- developed event pipeline handling, transforming and publishing thousands of events per second

Roche (Remote)

September 2014 - August 2015

Senior Java Developer

Major technologies: Java, Spring Framework, Google App Engine, Google APIs, REST, AngularJS

- development and maintenance of corporate Chrome Extensions and their backend services
- introduced and configured Bamboo CI and Sonar for all projects handled by team
- maintenance and troubleshooting of internal application heavily
- helping team focus on code quality and unit testing

OHIM (Alicante, Spain)

August 2013 - June 2014

Senior Java Developer

Major technologies: Java, Spring Framework, Spring Boot, Java EE, SOAP, JMS, Maven, Gradle, Drools, JBoss, Tomcat, HTML, LESS, AngularJS, jQuery

- implemented Irish Patent Office specific functionality into existing trademark e-filing application
- created AngularJS and Spring Boot based Admin Tool application for Irish Patent Office e-filing application
- simplified PDF invoice generation by writing library converting Freemarker based HTML template to PDF using iText
- created library used to simplify JBoss Drools unit testing
- created solution for automatic server configuration and complex, multimodule application installation using Gradle
- worked closely with customer and 3rd party company, analysing and finding best possible solutions

Goodbeans Gmbh (Berlin, Germany / Remote)

September 2009 - December 2012

Lead Java Developer

Major technologies: Java, Spring Framework, Hibernate, MySQL, Apache Tomcat, MongoDB, Spring Security, Spring Data, Maven, Amazon Web Services, GIT, REST, Hessian

- designed and developed backend services in Java and Spring Framework for high traffic browser and mobile games

- created several back-office applications for managing games, moderating chat and performing periodical tasks
- participated in full development cycle from requirements, through architecture, implementation, code reviews, supporting QA team, production deployment
- provided production support in case of unexpected server issues
- introduced agile methodologies in company: code reviews, continuous integration
- migrated legacy applications from Ant to Maven, programmatic transaction management to declarative using Spring, XML application configuration to annotation based
- introduced release process using Maven Release Plugin, Nexus repository for storing internal libraries and 3rd party dependencies

BLStream (Szczecin, Poland)

May 2007 - August 2009

Enterprise Application Developer / Team Leader

Major technologies: Java, Spring Framework, Hibernate, PostgreSQL, Spring WebFlow, JMS, Oracle, Maven, SVN, Web Services, JSP, Freemarker, HTML, CSS, jQuery, Hessian

- managed and led team of 3 Java and 2 front-end developers
- built Java based enterprise applications for telecom industry, government, internal applications
- wrote business and technical documentation based on customer requirements
- handled in-house recruitment to development team
- managed and mentor team of students attempting to learn enterprise Java technologies

NetCRM (Wrocław, Poland - remote)

August 2005 - May 2007

PHP Developer

Major technologies: PHP, PostgreSQL, HTML, CSS, JavaScript, PrototypeJS

- client and server side development according to business requirements
- introduced Ajax and PrototypeJS in NetCRM applications

EDUCATION

Technical University of Szczecin

2004-2010

Master of Science degree in Information Technology, Specialization in Software Engineering

PUBLICATIONS

- <https://www.youtube.com/c/springacademy> - YouTube channel where I teach programming in Spring & Java
- <http://maciejwalkowiak.pl/> (currently content available only under <https://www.javacodegeeks.com/user/maciej-walkowiak?profiletab=posts>) - Software Development blog where I share my solutions for Java development, mentioned multiple times in the official weekly "This Week in Spring" series and Java Code Geeks portal
- <https://spring.io/guides/gs/producing-web-service> - "Producing a SOAP web service" - official Spring guide on how to produce web service using Spring Boot and Spring-WS
- <https://speakerdeck.com/maciejwalkowiak> - presentations given at local Meetup groups

VOLUNTEERING

ReDI School of Digital Integration

2018-Present

Intermediate Java Teacher & Mentor