Rafał Wokacz
Architect Solution Architect | Tech Lead

SUMMARY

- Over 20 years of experience architecting scalable software solutions using Java, Kotlin, Spring Boot, and AWS, with a strong focus on migrating legacy monoliths to microservices and SaaS platforms.
- Proven expertise in designing and implementing CI/CD pipelines, automated testing, and operational observability
- Skilled in Agile methodologies, servant leadership, and cross-functional team mentoring
- Author of technical publications on JVM performance, software quality attributes, and engineering team leadership
- Holds M.Sc. and B.Sc. degrees in Computer Science, knowledge of cloud AWS, Kubernetes, Docker, and data stores including PostgreSQL and Elasticsearch.

TECHNICAL SKILLS

Main Technical Skills	Java (20 yr.), Kotlin (5 yr.), Spring Boot (5 yr.), AWS (5 yr.)
Programming Languages	Java (20 yr.), Kotlin (5 yr.), Python, Scala (10 yr.)
Java Frameworks	Apache Spark (10 yr.), Hibernate, Spring Boot (5 yr.)
Scala Frameworks	Apache Spark (10 yr.)
Java Libraries and Tools	Java EE, SAX
Android Libraries and Tools	Kotlin (5 yr.)
Mobile Frameworks and Libraries	Ktor
JavaScript Frameworks	React
Data Analysis and Visualization Technologies	Apache Spark (10 yr.)
Databases & Management Systems / ORM	Apache Hadoop (10 yr.), Apache Spark (10 yr.), AWS ElasticSearch (5 yr.), Cassandra (10 yr.), Hibernate, MongoDB, MySQL (5 yr.), PostgreSQL (5 yr.)
Cloud Platforms, Services & Computing	AWS (5 yr.)
Amazon Web Services	AWS ElasticSearch (5 yr.)
Platforms	Antes
	Apache Maven, JUnit

QA, Test Automation, Security	
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira
Version Control	BitBucket
Deployment, CI/CD & Administration	CD DevOps pipelines (3 yr.), Jenkins (10 yr.), TeamCity
Virtualization, Containers and Orchestration	Docker (10 yr.), Kubernetes (10 yr.)
Soft Skills	Leadership
Methodologies, Paradigms and Patterns	Scrum
Other Technical Skills	GitLab Pipeline, Kotest

WORK EXPERIENCE

Software Engineer, Team Lead, Software Architect - Software Mill (Technical Governance and Architectural Strategy for Major Insurance Market Platform)

Duration: January 2023 – Present
Summary: Leading technical governance and architectural strategy for a major insurance market platform, focusing on scalable system architectures, process automation, and alignment of engineering roadmaps with business objectives.
Responsibilities:

- Defined system architectures and authored Architectural Decision Records (ADRs) to ensure long-term maintainability.
- Partnered with CTO and CIO to align engineering strategy with business goals.
- Led and mentored a cross-functional engineering team using servant leadership principles.
- Managed product backlog and facilitated agile ceremonies to improve delivery velocity.
- Advocated for process automation, continuous deployment pipelines, and operational observability.

Technologies: Kotlin, Spring Boot, AWS, GitLab CI/CD pipelines, Docker, Kubernetes, PostgreSQL, Kotest

Software Engineer - DNA Poland (Software Engineering Delivery)

Duration: August 2020 – February 2022

Senior IT Consultant, Solution Architect - ProData Consult (SaaS Transformation and Cloud Infrastructure Architecture)

Duration: August 2017 – January 2019
Summary: Architected the migration of a legacy monolithic system into a self-service SaaS platform, designing REST APIs and Java SDKs, and leveraging AWS cloud services to ensure

high availability and scalability.
Responsibilities:

- Designed and implemented REST APIs and Java SDKs for core functionality exposure via a web dashboard.
- Leveraged AWS cloud services to build scalable and highly available infrastructure.
- Led SaaS transformation initiatives and cloud infrastructure design.

Technologies: Spring Boot, React.js, AWS, PostgreSQL, MySQL, Elasticsearch, Docker

Solution Architect & Senior Consultant - Cybercom Group (System Localization, Agile Evangelism, Microservices Migration, and Big Data Transformation)

Duration: January 2007 – July 2017
Summary: Led multiple initiatives including system localization for international client onboarding, introduction of Scrum methodologies, migration from monolith to microservices, and big data transformation using modern technologies.
Responsibilities:

- Adapted core system components to meet complex country-specific business requirements.
- Introduced Scrum methodologies and designed automated continuous deployment pipelines.
- Directed proof-of-concept migration from monolith to microservice architecture using Kubernetes and Apache Camel.
- Designed and implemented big data deployment pipelines using Jenkins, Scala, Spark, and Hadoop.
- Led technical solutions and decisions to accommodate business value.
- Designed and implemented CI/CD processes to improve delivery and mitigate integration issues.

Technologies: Java, Spring, TeamCity, Docker, PostgreSQL, Kubernetes, Apache Camel, Jenkins, Groovy, Scala, Spark, Hadoop, MongoDB, Maven, Ant

EDUCATION

- **M.Sc. in Computer Science**
  Politechnika Łódzka
  2006 – 2008
- **B.Sc. in Computer Science**
  Uniwersytet Łódzki
  2002 – 2005

CERTIFICATION

- **Professional Scrum Master I**
- **10xdevs 2 distinction - AI enhanced product development**