

ALEKSANDRA MARSZALEK

SENIOR SOFTWARE ENGINEER | TECHNICAL LEAD

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ABOUT ME

After successfully changing careers into tech, I grew from Graduate Java Developer to Technical Lead in 5 years. I've mentored engineers at every level - from graduates to seniors with 20+ years of experience - and strengthened every team I've worked with. I thrive in ambiguous environments and love collaborating across teams, but where I really shine is improving processes across engineering functions.

With 7+ years in Java and Spring Boot, I've delivered secure systems that reduced operational costs by 90% and unlocked new revenue streams. I'm eager to learn, believe you can learn from anyone, and prioritise delivering high-quality, scalable systems while ensuring every team member feels supported and valued.

TECHNICAL SKILLS

Languages & Frameworks: Java (8-21), Spring Boot, Spring, Hibernate, Golang, JavaScript, React

Databases & Messaging: MySQL, PostgreSQL, Kafka Streams, Elasticsearch, Redis

Cloud & Infrastructure: GCP, Kubernetes, Docker, Terraform, GitLab CI/CD

Practices: Microservices Architecture, TDD, Agile/Scrum, Event-Driven Systems

EXPERIENCE

Career break | *Jul 2025 – Mar 2026*

- Competed at the World Ultimate Beach Championships (Nov 2025), trekked to Everest Base Camp, and travelled through Asia and Oceania to rest and recharge before undertaking new professional challenges.

Oddschecker (now FairPlay Sports Media)

Junior Software Engineer → Technical Lead | *Feb 2019 – Jun 2025*

- Led delivery of MyOC Premium, the company's first B2C subscription product with secure payment processing, generating new recurring revenue. Architected Stripe payment integration with automated billing across multiple pricing tiers.
- Delivered GenAI-powered content generation MVP, reducing editorial effort by 90% across key football leagues. Led cross-functional alignment with product, SEO, and legal teams. Adopted as flagship FPSM AI initiative.
- Replaced legacy CRM with SendGrid, improving reliability and enabling better scheduling, automation, and data-driven marketing.
- Led company wide Contentful CMS rollout, building reusable applications that reduced developer dependency and time-to-market for new features.
- Supported re-architecting of the core NFL services with microservices and Kafka Streams, handling significant traffic spikes and eliminating downtime during peak events.
- Modernized backend from Java 8 to Java 21 and migrated to Spring Boot microservices, significantly reducing production incidents and improving deployment frequency from monthly to weekly.
- Championed documentation practices: organised first "Documentation Day", introduced runbooks, and cleaned up knowledge bases.
- Mentored engineers from graduate to senior level. Supported the company's well-being initiatives (participated in Management Academy and Mentoring Program, became a certified Mental Health First Aider).

Amelco LTD

Graduate Java Developer | *Jun 2018 – Feb 2019*

Key technologies used: Java 8-11, Hibernate, Spring, JUnit, Postman, Soap, Native SQL, JDBC.

Wizz Air / Eurolot S.A.

Cabin Crew, Senior Cabin Crew, Purser | *Jun 2011 – Feb 2018*

EDUCATION

Coders Lab, Warsaw

Java Programming Course | *2018*

Intensive bootcamp covering: Java, OOP, MySQL | Spring, Hibernate | TDD, Multithreading, JMS | Servlets, Thymeleaf, JSP | Git

SWPS University, Warsaw

Spanish Studies (BA) | *2013-2017*

Dean's scholarship for the best students (2013/2014, 2014/2015, 2015/2016)

Warsaw University of Technology

Civil Engineering | *2010-2012 (not finished)*

CERTIFICATIONS & COURSES

Tech Leaders Mentoring Program | DNA Masterclass in Modern Application Design (by Devoxx Poland) | Certified Contentful Professional | Atlassian Certification | AI/ML Introductory Courses | JavaScript, Python, HTML/CSS, React & Remix basics online courses

VOLUNTEERING EXPERIENCE

Dare IT Mentor (*2023-2025*) | Next Tech Girls Role Model (*2023-present*) | Programuj, dziewczyno! (Learn to program, girl!) Mentor (*2020-2022*)

Supporting women entering tech through mentoring programs, speed mentoring sessions, and leadership development.

PROJECTS & PUBLICATIONS

I recently started documenting my technical explorations through blog posts and open-source projects. Newest topics include Java 21's virtual threads and Kafka Streams implementations, reflecting my commitment to continuous learning and knowledge sharing.

→ aleksandramarszalek.co.uk/blog/

→ github.com/aleksandra-marszalek/

LANGUAGES

Polish (native) | English (fluent) | Spanish (advanced) | German (basic) | Chinese Mandarin (very basic)

PERSONAL INTERESTS

Ultimate Frisbee (represented and captained Poland & GB teams internationally) | Surfing, volleyball, hiking | Travelling (visited 65+ countries) | Cooking, knitting, films & books