

Rafał Zieliński

Full-Stack Software Developer | Java • Next.js • Integrations & AI



CONTACT



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PROFILE

Full-stack Software Developer with 4+ years of commercial experience – Java, Spring and Apache Camel on the backend, React / Next.js on the frontend. In Transporeon's (Trimble) Enterprise Integration team I build customer-specific B2B data exchange interfaces and mappings between EDIFACT, SAP IDoc, ANSI X12, XML, CSV and JSON – from estimation to go-live and 3rd-level support. I lead the team's AI initiatives and I'm in the final semester of a Computer Science degree in Cybersecurity.



WORK EXPERIENCE

TRANSPOREON (Trimble Company), Kraków — Software Developer
Junior Software Developer

04.2024 – Present
07.2022 – 03.2024

- Build customer-specific B2B integrations on Transporeon's Exchange Platform (XP) – a data exchange hub connecting shippers, carriers, forwarders and retailers with their ERP/TMS systems (e.g. SAP, Blue Yonder TMS).
- Analyse source and target structures and create mappings from EDIFACT, SAP IDoc, ANSI X12, CSV, XML and JSON to standard interfaces (transport orders, bookings, status messages) using XSLT/XPath, Velocity, Java and Apache Camel.
- Apply critical thinking to mapping design: edge cases, data validation, enrichment from Master Data tables and logic reusable across customers.
- Own delivery end-to-end: effort estimation, task review, implementation, unit tests, INT/ACC testing, PROD release, go-live and hyper-care.
- Work in a structured, ticket-based process (Jira) with clean technical documentation, in close cooperation with Professional Services, QA and Support.
- 3rd-level support: root-cause analysis of failed messages and mapping errors using logs and Kibana.

AI Initiatives Lead – Enterprise Integration (parallel role)

- Lead the team's AI initiatives: research and evaluate AI tools, define the standard toolchain (Cursor agent skills & rules, MCP servers for Jira, Git, logs, Maven) and roll it out.
- Introduced an AI code-review quality gate (Bugbot), pilot Spec-Driven Development and drive automation (Jira-triggered bots, automated deployment).
- Authored the AI cybersecurity policy and ISO / SOC 2 documentation; run trainings and the team's AI knowledge base.

FREELANCE – Web Developer (part-time, remote) · 2024 – Present

- Freelance web development since 2024 – websites for small businesses and local organisations, from requirements and design to deployment, hosting and maintenance.
- Stack: Next.js / React, TypeScript, Tailwind CSS, HTML / CSS / JavaScript, WordPress; AI-assisted development (Cursor, Claude Code).

TRANSPOREON (Trimble) & Software Development Academy, Kraków —
Trainee Software Developer

01.2022 – 06.2022

Intensive Java full-stack programme run with Transporeon, leading directly into the Enterprise Integration team.



ENGINEERING THESIS PROJECT – STOCKSIM

„Design and implementation of a microservice-based investment decision support system using stream processing and machine learning”

- Event-driven microservices in Java 21 / Spring Boot (API Gateway, Eureka discovery) streaming live market data (Finnhub API) through Apache Kafka.
- Python / FastAPI ML service with a PyTorch LSTM model generating real-time BUY / HOLD / SELL signals, exposing health and Prometheus metrics.
- Real-time Next.js + Tailwind dashboard fed via WebSocket (STOMP); whole stack containerised with Docker Compose.



TECHNICAL SKILLS

- **Backend:** Java, Spring Boot, Apache Camel (XML DSL), REST APIs, Kafka, SQL.
- **Frontend:** React / Next.js, TypeScript, Tailwind CSS, HTML / CSS / JavaScript, WordPress.
- **EDI & Data Formats:** EDIFACT, ANSI X12, SAP IDoc, XML / XSD, JSON, CSV / flat files.
- **Mapping & Transformation:** XSLT / XPath, Apache Velocity, Java mapping logic, Master Data mapping tables.
- **AI & Automation:** Cursor, Claude Code, MCP, AI agents, LLM / RAG, n8n, Python / PyTorch.
- **Testing & Quality:** JUnit, Mockito, code review, Bugbot.
- **Monitoring & Tools:** Kibana / Elasticsearch, Grafana, Zabbix, Jira, Git, Maven, Docker, GCP / Azure (basic).
- **Security:** Cybersecurity (degree), AI security & compliance.



EDUCATION

WSZiB Kraków – Computer Science (Engineer), specialization: Cybersecurity
7th (final) semester – thesis defence planned for early 2027



CERTIFICATES

- AI Devs 2 – Integrating GPT-4 with Applications & Automation (LLMOps, RAG)
- Java Software Developer – Software Development Academy
- Clean Code & Advanced Refactoring – SDA
- Google Cloud: Core Infrastructure, Big Data & ML Fundamentals, GKE – Compendium
- Data Analysis with Python & Pandas – IBCU
- Udemy: Java, Mockito, JUnit 5



SOFT SKILLS

Analytical & critical thinking · Structured, ticket-based work · Clear technical documentation · Teamwork & knowledge sharing · Coaching & mentoring · Ownership & accountability · Continuous learning



LANGUAGES

Polish – native; English – C1 (daily work language).



INTERESTS

AI, cybersecurity, electronics & automation, squash, tennis, padel.

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process in accordance with applicable data protection laws.