

Daniel Kowalski

Software Engineer • Backend & Cloud

Job applied for: Software Engineer (Backend / Cloud) | Nationality: Polish (EU citizen – right to work in the EU/EEA)

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ABOUT ME

Software Engineer with 4 years of experience designing, building and operating scalable backend services in regulated FinTech and e-commerce environments. Strong in Java/Kotlin, Spring Boot, microservices, AWS and Kubernetes; experienced in GDPR- and PSD2-compliant engineering, CI/CD automation and mentoring. Seeking a backend or cloud engineering role in an international EU team.

WORK EXPERIENCE

02/2024 – Present

Berlin, Germany

Software Engineer

NordPay Technologies GmbH • Business or sector: FinTech / payments

- Design, build and maintain **12 Java 21 / Spring Boot microservices** processing **3.5M transactions per day** on AWS (EKS) with **99.95% uptime**.
- Reduced p95 API latency by **38%** (410 ms → 255 ms) through Redis caching, PostgreSQL index tuning and query optimisation.
- Led migration of 5 legacy services to Kubernetes using Terraform and GitHub Actions; cut deployment time from **45 to 9 minutes**.
- Implemented GDPR- and PSD2-compliant audit logging and data-retention controls; passed external audit with zero major findings.
- Maintain **85% automated test coverage**, review ~15 pull requests per week and mentor 2 junior developers.

10/2022 – 01/2024

Kraków, Poland

Junior Software Developer

Pixelwerk Digital Sp. z o.o. • Business or sector: IT services / e-commerce

- Built REST and GraphQL APIs in Node.js/TypeScript for e-commerce clients serving up to **200,000 monthly users**.
- Developed React components and improved the Lighthouse performance score from **62 to 91**.
- Introduced automated testing (Jest, Cypress), reducing production bugs by **30%** within 6 months.
- Delivered 40+ user stories per quarter in Scrum teams of 7 using Jira, Git and code review practices.

EDUCATION AND TRAINING

10/2018 – 07/2022

EQF level 6

BSc (Hons) in Computer Science

AGH University of Science and Technology, Kraków, Poland

Main subjects: algorithms and data structures, distributed systems, databases, software engineering. Thesis: event-driven architectures for real-time analytics.

Certifications

AWS Certified Developer – Associate (2023) • Certified Kubernetes Application Developer – CKAD (2024)

PERSONAL SKILLS

Mother tongue(s)

Polish

Other language(s)

Language	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	B2	B2	B1	B1	B1

Levels: A1/A2 basic user • B1/B2 independent user • C1/C2 proficient user (Common European Framework of Reference for Languages)

Job-related skills

Languages: Java, Kotlin, TypeScript, Python, SQL | **Frameworks:** Spring Boot, Node.js, React
Cloud & DevOps: AWS (EKS, RDS, S3, Lambda), Kubernetes, Docker, Terraform, GitHub Actions, Grafana
Data & messaging: PostgreSQL, Redis, Apache Kafka | **Practices:** microservices, REST/GraphQL, TDD, CI/CD, Agile/Scrum

Communication skills

Clear technical communication with international, cross-functional teams; regular stakeholder demos and written design documents (ADRs).

Organisational skills

Sprint planning, estimation and on-call coordination; led a 5-service migration across 3 teams on schedule.

Digital skills

Self-assessment

Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

ADDITIONAL INFORMATION

Projects & community

Open-source contributor (Spring ecosystem, Terraform modules) • Volunteer mentor, CoderDojo Berlin (2023 – Present)

Driving licence

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