

Krzysztof P.

AI Transformation Engineer

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Professional summary

AI Transformation Engineer and Engineering Leader with 14 years of experience building production systems in regulated European fintech environments. Specialized in enterprise adoption of AI coding tools, including GitHub Copilot, Claude Code and OpenCode, with hands-on experience integrating them into SDLC processes and developer workflows. Experienced in assessing engineering environments, defining AI adoption strategies, implementing governance and security frameworks, and supporting enterprise rollouts. Strong technical background in Java, Python, Azure, Kubernetes and CI/CD, combined with expertise in AI-assisted development workflows, RAG, MCP integrations and agentic engineering practices. Strong communicator with proven ability to collaborate with engineering teams, architects and business stakeholders, lead adoption initiatives, facilitate workshops, and translate complex AI capabilities into practical business and engineering outcomes.

Education	**Polsko-Japońska Wyższa Szkoła Technik** Master of Science (MSc) Computer Software Engineering
Certification	Microsoft Certified Azure Fundamentals - AZ-900 Real Time Web with Node.js Certified SCRUM Master Java Standard Edition 6 Programmer Certified Professional (OCJP)
Skills	Java (21+ readiness, Virtual Threads, Records), Spring Boot 2/3.x, JAX-RS Python, Node.js, TypeScript, React, AngularJS, Bootstrap GitHub Copilot, Claude Code, Cursor, Aider, ChatGPT, Gemini, Azure AI Foundry, LLM Applications, RAG, MCP Servers, Agentic AI Workflows, Basic MLOps Azure Cloud, Kubernetes, CI/CD Pipelines, Kafka, Flink, PostgreSQL, Oracle, Messaging & Integration Patterns Domain Driven Design, Microservices, Event-Driven Architecture, API Design (REST, OpenAPI), Technical Analysis, Technology Selection & POCs, Team Leadership

Recommendations

Steffen Bjerrehave Nielsen Senior Consultant at Nykredit	Krzysztof has worked as a developer and architect in a team where I've held both a PO and BA position. He is hard working, result oriented and not afraid of making his opinion and perspectives known. He approaches new areas with the level of humility, curiosity and powerful drive that is sure to result in progress. When the team was in need of a new architect, Krzysztof was the first to offer his assistance, as is the case in practically any situation where someone has to step up. He can always be counted on to go the extra mile, and usually another mile or two after that. I have only experienced him as being very approachable, and whenever new people have joined the team, he has made sure that they are well integrated into the group. Krzysztof is exactly the kind of guy I want in my team, no matter the mission.
Adam Maliszewski Solutions Architect at Syndatis	Krzysztof is a very creative person. Hard-working, helpful for others, he makes really good atmosphere in a team. I fully recommend him.
Wojciech Górski Java developer at Syndatis	Krzysztof's personality and skills make him a great worker and colleague. He'a a very open person, always willing to improve his abilities. High technical skills, awesome soft skills plus experience in analysis are his most important values. I highly recommend Krzysztof as a true proffesionalist.
Tomasz R. Senior Technical Application Consultant at Syndatis	Krzysztof is a success as an analyst who constantly improves his professional approach. His extraordinary interpersonal relationships and communication skills make it easy for him to find common ground with a client and enable him to work with others harmoniously and efficiently.His sense of humour and friendly nature make atmosphere where you want to be as a team member.

Company	**Nykredit**
	Financial services companies in Denmark
Period	Apr 2021 – till now
Role	Tech Lead / Architect / AI Transformation Manager
Technologies	Java, Spring Boot, Jakarta EE, Python, Azure, Kubernetes, GitHub Copilot, Claude Code, LLMs, RAG, MCP, AI Governance, CI/CD, Grafana, Prometheus, Databricks, Microsoft Fabric

Responsibilities

- Spearheaded the migration of microservice ecosystems to Azure Cloud;
- Led API design, Domain Driven Design implementations, security/compliance, and unified backend strategies centered on Java, with supporting Node.js/TypeScript services;
- Designed and implemented AI workflows for Developers and Business Analysts;
- Engineered LLM Chatbots, RAG systems, local coding assistants, and MCP servers while establishing Basic MLOps;
- Directed daily operations for 2 Agile teams, conducting technical analysis, code reviews, and performance optimizations;
- Developed robust, scalable BFF services and integrated systems with Data Platforms using Flink/Spark;
- Enforced TDD, resilience, and observability practices (Grafana, Prometheus);
- Guided the migration to modern tech stacks (Java virtual threads/records).

Company	**Nykredit**
	Financial services companies in Denmark
Period	May 2016 – Apr 2021
Role	Tech Lead / Senior Full Stack Developer
Technologies	Java 8/11/17, Spring Boot 2, React, Node.js, REST API, Swagger/OpenAPI, Azure, Kubernetes, Docker, Selenium, Git, Maven, Agile/Scrum

Responsibilities

- Led a cross-functional Agile team (6 developers, Business Analyst, Product Owner), driving delivery of scalable microservices and full-stack solutions;
- Designed and implemented backend services with Java and Spring Boot, including Node.js integration services;
- Developed responsive frontend applications and reusable UI components with React;
- Designed and maintained RESTful APIs, ensuring high performance and maintainability;
- Deployed, monitored, and supported applications in Azure Cloud and Kubernetes environments;
- Facilitated Scrum ceremonies, coordinated sprint planning, and removed delivery impediments as Scrum Master;
- Improved code quality through code reviews, automated testing, and CI/CD practices.

Company	**RAFT / DSV**
	Global Transport and Logistics
Period	Oct 2015 – May 2016
Role	WebSphere Consultant / JEE Developer
Technologies	Java 7, Java Concurrency, Angular, Node.js, JavaScript, REST APIs, Git, Maven, Agile, Scrum

Responsibilities

- Developed and maintained backend services using Java 7, with a strong focus on multithreading, concurrency, and performance optimization;
- Designed and implemented business logic, ensuring code quality, scalability, and maintainability;
- Built and enhanced frontend features using Angular, and developed supporting Node.js components and services;
- Collaborated with cross-functional teams to deliver new features and resolve production issues in an Agile environment;
- Participated in the implementation of the full Scrum framework, including sprint planning, daily stand-ups, sprint reviews, and retrospectives, contributing to continuous process improvement;
- Performed code reviews, debugging, and testing to ensure reliable and high-quality software delivery.

Company	**Clear2Pay, Bank Pekao, Syndatis**
	Banking & Financial Institutions
Period	Jun 2004 – Sep 2015
Role	J2EE Developer / Consultant
Technologies	Java EE, Java, PostgreSQL, SQL, JDBC, JPA/Hibernate, Servlets, JSP, REST APIs, HTML, CSS, JavaScript, UI prototyping tools, Enterprise application architecture

Responsibilities

- Analyzed and optimized business processes to identify system requirements and improve operational workflows;
- Collaborated with stakeholders to gather requirements, translate business needs into technical specifications, and define application functionality;
- Designed UI prototypes and user interface concepts to validate usability and support application development;
- Developed and maintained enterprise-level full-stack applications using Java EE technologies;
- Implemented backend business logic, application components, and integration layers following enterprise architecture principles;
- Designed, developed, and optimized database structures, queries, and data access solutions;
- Performed application testing, debugging, and performance improvements to ensure reliability and scalability;
- Participated in the full software development lifecycle, including requirements analysis, design, implementation, and deployment.