



Lukasz Myslinski

Senior Fullstack Engineer | Technical Lead | Architect

Fintech platforms, med-tech systems, cloud/data engineering and AI-assisted delivery

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PROFILE

Senior Fullstack Engineer and Software Architect with 15+ years of experience delivering enterprise, cloud, data-driven and regulated systems across finance, med-tech, energy, banking and pharmacy domains. Strong in architecture ownership, hands-on delivery, performance diagnosis, CI/CD optimization, production support and leading complex technical improvements from problem analysis to implementation.

Current focus combines financial strategy-to-execution platforms, cloud data workflows and practical AI-assisted engineering. Hands-on AI experience includes repository analysis, architecture planning, prototyping, code migration support, test generation, RAG concepts, agent-based workflows and Python-based AI/LLM training exercises. Known for improving complex systems by making them faster, more reliable, easier to maintain and more valuable for business users.

CORE SKILLS

AI, LLM & Data	Python, PySpark, Apache Spark, Databricks, MS SQL Server, MySQL, MongoDB, Delta Lake, RAG concepts, AI agents, Bielik AI, FastAPI, ML/data-analysis, Google Cloud Platform, Google Cloud Run, Google Cloud Shell, Google BigQuery
Backend & APIs	Node.js, TypeScript, JavaScript, GraphQL, REST APIs, .NET 6+/ASP.NET Core, C#, RabbitMQ, SignalR/WebSockets, Redis
Frontend	Angular, TypeScript, RxJS, AG Grid, Kendo UI, WPF MVVM, ASP.NET MVC/Blazor, HTML/CSS, SPA architecture, modern component-based UI principles
Cloud & DevOps	Azure DevOps, Azure Databricks, Azure Kubernetes Service, Azure App Insights, Azure Key Vault, Azure Service Bus, Azure Cosmos DB for MongoDB, Azure AD, Docker, Docker Compose, GCP, Google Cloud Run, CI/CD
Architecture & Quality	DDD, CQRS, MVVM, microservices, micro-frontends, distributed systems, REST, OAuth2/OIDC, JWT, TDD, xUnit, NUnit, Jest, Protractor/E2E, contract thinking, performance profiling, secure delivery, hardware/software integration
Testing & Quality	TDD, xUnit, NUnit, Jest, Protractor/E2E, Fluent Assertions, mocks, code reviews, pair programming, data integration

SELECTED IMPACT

- Improved AG Grid large-dataset performance by introducing infinite scrolling; prototype benchmarks showed ~35% faster FCP, ~26% faster LCP and ~52% lower Total Blocking Time versus baseline.
- Reduced CI/CD runtime by ~80% and Renovate bot pipeline runtime by ~90% through pipeline optimization, caching and dependency automation improvements.
- Resolved a banking permissions bottleneck that blocked approximately 1,000 users by applying async patterns, JMeter performance testing and SQL profiling.
- Refactored a complex pharmacy shift table used by up to 3,000 concurrent users, improving performance and rendering reliability through SOLID/MVVM-oriented changes.
- Participated in an intensive, hands-on workshop focused on the entire AI lifecycle, building end-to-end RAG systems, orchestrating AI agents via MCP and integrating models with cloud infrastructure (GCP and BigQuery). I deeply integrated AI-assisted development into my workflow: utilizing Cursor IDE to analyze application repositories and plan architectural changes, leveraging ChatGPT to translate Figma mockups and React designs into a fully functional, decoupled MVP featuring a .NET 10 backend and an Angular 20 frontend. For high-complexity tasks, I paired GitHub Copilot with Claude models to solve sophisticated engineering challenges, while deploying Codex to rapidly build operational applications in Python and .NET 10.
- Created two production-oriented microservices in an Azure/Kubernetes environment, including a contract-driven integration service developed with TDD and an email templating/delivery service with a DDD domain model.

PROFESSIONAL EXPERIENCE

mysl.tech (B2B) | Jun 2018 - Present | Poznan, Poland | Active EU VAT | Sole Proprietorship

Fullstack Developer / Senior Software Engineer - Henkel | Nov 2023 - Present

Financial data strategy-to-execution platform | Germany

- Builds and enhances a German financial strategy-to-execution platform that unifies market modeling, account planning, forecasting and performance management.
- Supports standardized revenue and profitability planning, target comparison and execution tracking through transparent, auditable shared data.
- Develops Angular micro-frontends, Node.js/GraphQL backend capabilities and data-driven workflows using Azure Databricks, Delta Lake, PySpark, Apache Spark and Python.
- Improved large-dataset table performance and usability by introducing infinite scrolling in AG Grid; benchmarked prototype results showed ~35% faster First Contentful Paint, ~26% faster Largest Contentful Paint and ~52% lower Total Blocking Time vs. baseline.
- Introduced a dedicated GraphQL date type to improve frontend stability and ensure consistent date handling across downstream data-processing workflows.
- Improved CI/CD speed, dependency management and delivery stability through automation, testing discipline, pipeline optimization and caching. Reduced CI/CD runtime by ~80% and improved Renovate bot pipeline runtime by ~90%.
- Uses AI-assisted engineering workflows for repository understanding, technical research, requirements analysis, prototyping and architecture planning while applying Python in machine-learning and data-analysis side projects. Created four working applications in .Net 10, Angular 20 and one in Python.

Senior Fullstack Developer - PULSE Innovations GmbH | Sep 2022 - Nov 2023

Pharmacy management system | Germany

- Developed and maintained a German pharmacy management system automating daily operations, scheduling, shift templates and working-time planning.
- Improved the local developer environment by introducing Docker Compose and HTTPS debugging with OpenSSL for .NET and Angular services.
- Standardized local startup and debugging for multiple .NET and Angular services, reducing manual setup effort for developers.
- Adjusted Azure Active Directory configuration to support the local HTTPS-based development setup.
- Improved microservice communication and performance using RabbitMQ in a distributed architecture.
- Refactored Angular code to improve performance and rendering speed for high-usage production scenarios. Rewrote the affected code according to SOLID and MVVM principles, helping resolve blocking issues in a complex shift table used by up to 3,000 concurrent users.

External Fullstack Consultant - Ørsted | Mar 2021 - Aug 2022

Wind farm cost estimation platform | Denmark

- Built and maintained an internal platform for estimating and managing the cost of offshore wind farms in a SAFe environment.
- Worked peer-to-peer with architects on a distributed, microservice-oriented system configured through Azure DevOps CI/CD and deployed on Azure Kubernetes Service.
- Created 2 production-oriented microservices: a contract-driven integration service developed with TDD and an email templating/delivery service with a DDD-based domain model and strong automated test coverage.
- Resolved a concurrency issue by applying MongoDB-safe update mechanisms for concurrent operations.
- Improved end-to-end test stability using Jest and Protractor across Angular/TypeScript applications.
- Technology stack: C#/.NET 6, NUnit/xUnit, Angular 11, TypeScript, Azure, Docker, Kubernetes and MongoDB via Azure Cosmos DB API.

Technical Lead / Senior Fullstack Developer - mBank S.A. | May 2019 - Mar 2021

OKR platform for banking HR | Poland

- Designed and built the architecture of an internal OKR platform for HR in a banking environment, applying DDD, layered architecture, TDD and clear separation between API, application, domain and infrastructure layers.
- Implemented backend and frontend foundations from scratch using Docker, MS SQL, .NET Core 3 REST APIs and Angular 8/9.
- Combined hands-on development with technical leadership, code reviews and recruitment support for the engineering team.
- Resolved a permissions-system bottleneck that prevented 1,000 users from accessing the application by applying async patterns across the affected flow. Ran multiple performance tests with JMeter and monitored SQL performance with SQL Profiler.
- Implemented DDD/CQRS patterns with MediatR and Hangfire and supported team delivery through technical leadership, interviews and architecture guidance.

Senior Fullstack Developer / Technical Lead - IQ Solution Sp. z o.o. | Sep 2018 - May 2019

Data offline sales synchronization platform | Poland

- Led development of a new web application for offline sales data synchronization while supporting 2 junior fullstack developers and 1 mobile developer.
- Designed Swagger-based backend APIs and implemented them from scratch in .NET Core using TDD.
- Designed Angular/TypeScript frontend flows with Kendo UI and implemented a security layer from scratch using JWT and OAuth 2.0.
- Designed and implemented a CouchDB NoSQL database schema supporting offline data synchronization.

Senior Software Engineer / Architect / Technical Lead / Team Lead - E-Surf Ltd. | Sep 2012 - May 2018

Operating room integration and med-tech systems | Poland; business trips to Germany, Netherlands, Sweden and Belgium

- Led integration of operating room devices and services, including surgical tables, lighting, gas systems and control workflows using RS232, TCP/IP and UDP.
- Developed audio/video recording and streaming capabilities, including custom MP3 processing with NAudio and IP-based Barco REST API integrations for low-latency surgical streaming.
- Architected and implemented a Clinical Review Application consolidating intraoperative PACS imaging, surgical video, images and voice recordings for post-procedure analysis and documentation.
- Designed server-side infrastructure to aggregate PACS imaging, video and audio data into a single source of truth for surgeons.
- Built processing pipelines to align voice annotations with video timelines, enabling navigation through recordings using indexed markers.
- Led Kinect 1 and Kinect 2 touchless UI projects for sterile and pathology environments and integrated speech recognition with confidence thresholding for reliable hands-free commands.
- Architected and implemented real-time PoC using SignalR and WebSockets for cross-platform medical device control.
- Managed a cross-functional team of 10 people, coordinated Git/SVN workflows and worked closely with product, medical engineering and electrical engineering leads.
- Delivered fullstack medical applications across 4 major product areas using C#/.NET, WCF, WPF MVVM and ASP.NET MVC: the Integra desktop platform, archive services, tablet OR control/checklist workflows and Kinect-based applications.

Fullstack Software Developer - DomData AG Ltd. | Aug 2011 - Sep 2012

Financial workflow web and desktop applications based on Ferryt platform | Poland

- Delivered workflow enhancements using C#, Windows Workflow Foundation and MS SQL Server in the Ferryt platform.
- Implemented PDF signing capabilities with C# and WCF/SOAP, barcode-related libraries and ASP.NET MVC frontend modules with JavaScript and AJAX.

Fullstack Lead Web Developer - WinkMedia Ltd. | Jan 2011 - Aug 2011

- Led fullstack development using PHP, JavaScript, AJAX, MySQL and Facebook/bit.ly APIs.

Web Developer / Technical Team Lead - Royal Solutions | Mar 2010 - May 2011

- Led and improved multiple web projects using PHP, JavaScript, AJAX, MySQL, MS SQL, IIS/Windows Server, C#, HTML/CSS and WSDL/SOAP integrations.

EDUCATION

M.Eng., Software Engineering - Poznan University of Technology | 2011 - 2013

- Specialization: Software Development Technologies. Thesis: Visualization of errors in MDS. Academic interests: data mining, image processing and machine learning, including KNN and neural networks.

B.Eng., Computer Software Engineering and Network Systems - Bielska Wyższa Szkoła im. J. Tyszkiewicza | 2007 - 2011

- Specialization: Software Development Technologies and Network Systems. Developed a C# data-exploration application that enhanced cluster analysis by visualizing the CHAMELEON algorithm and applying noise-reduction techniques to improve the interpretability of 2D datasets.

CERTIFICATIONS & COURSES

- Building Google Cloud Serverless AI: RAG Implementation with Bielik & FastAPI (using Python, Google Cloud Platform, Google Cloud Run, Google Cloud Shell, Google BigQuery and Google Gemini) - 2026
- Building and Orchestrating AI Agents on NVIDIA Platform with Bielik.AI and beyond.pl (using Python, Google Cloud Platform, Google Cloud Run, Google Cloud Shell and Google Gemini) - 2026
- Building AI Agents with Bielik AI and Google Cloud Platform (using Python, Google Cloud Platform, Google Cloud Run, Google Cloud Shell and Google Gemini) - 2025
- Secure Code Warrior - 2022
- Practical Machine Learning for Beginners using Python - DataWorkshop - 2018
- Introduction to Data Science in Python - University of Michigan - 2018
- 4Developers Conference - Architect Path - 2017
- IoT Poland Hackathon - Smart Mirror Pi - 2016
- Barco Certified Specialist - Nexis Streaming & Recording HD Video; Nexis OR API Developer - 2014/2015

LANGUAGES

- Polish: Native
- English: B2/C1 - professional working proficiency
- German: A1 - elementary

VOLUNTEER EXPERIENCE

Organization Manager - Poznan AI | Science and Technology

- Organized an active local AI community as a continuation of Python Data workshops.

Team Leader - Online Community | Volunteer Leadership

- Managed a 1000+ user community, led a 30-member team and built Lua scripts, anti-cheat tooling and web portals.