

PROFILE

15+ years shipping fintech, med-tech and cloud systems. Recent wins include 35% faster large-dataset rendering in table, 80% CI/CD speedup and 1,000+ banking users unblocked through async/SQL optimization. Hands-on architect and technical lead across .NET, Angular, Node.js, Python and Azure. Current focus combines financial planning platforms, cloud data workflows and practical AI-assisted delivery.

CORE SKILLS

AI, LLM & Data	Python, PySpark, Apache Spark, Databricks, MS SQL Server, MySQL, MongoDB, Delta Lake, RAG concepts, Agent Development Kit (ADK) for TypeScript, Bielik AI, FastAPI, Google Cloud Run, Google BigQuery, NVIDIA NeMo Agent Toolkit, LangChain, Phoenix
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
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, CI/CD and Renovate Bot pipelines
Architecture & Quality	DDD, CQRS, MVVM, microservices, micro-frontends, distributed systems, REST, OAuth2/OIDC, JWT, TDD, performance profiling, secure delivery, hardware/software integration
Testing & Quality	xUnit, NUnit, Jest, Protractor/E2E, Fluent Assertions, mocks, code reviews, pair programming, data integration

PROFESSIONAL EXPERIENCE

mysl.tech | Poznan, Poland | Independent contractor with own EU entity since 2018 (active EU VAT). I invoice US, EU companies directly - no sponsorship or employment paperwork required; payment via standard vendor rails such as Bill.com or Wise.com

Senior Fullstack Developer - Henkel | Nov 2023 - Present

Financial data strategy-to-execution platform | Germany

- Improved AG Grid large-dataset table performance by introducing infinite scrolling, reducing First Contentful Paint by 35%, Largest Contentful Paint by 26% and Total Blocking Time by 52%. Result: financial planning workflows (market modeling, account planning, forecasting and performance management) completed 80% faster without page hangs for 60000 rows.
- Reduced CI/CD runtime by ~80% through pipeline optimization, caching and dependency automation improvements. Stabilized Renovate Bot and speed up pipeline runtime by ~90%.
- Built 5 working AI apps and MVPs across RAG systems, agent orchestration and GCP/BigQuery pipelines using Cursor, GitHub Copilot and Claude, Codex; shipped reusable delivery patterns for .NET 10, Angular 20 and Python data pipelines in one sprint.
- Builds and enhances a German financial system which offers a range of 10 business applications, from opportunity identification to financial planning, that allow 120,000 users and teams to collaborate seamlessly.
- Develops Angular micro-frontends, Node.js/GraphQL backend capabilities and data-driven workflows using Azure Databricks, Delta Lake, PySpark, Apache Spark and Python.
- Introduced a dedicated GraphQL date type that eliminated workarounds, code duplication and date-parsing bugs, improving frontend stability and ensuring consistent date handling across micro-frontends and data-processing workflows.

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

Pharmacy management system | Germany

- Refactored a complex pharmacy shift table used by 3,000 concurrent users, removed blocking UI behavior completely and improved rendering reliability through SOLID/MVVM-oriented changes. Shift-planning time cut from 60 to 15 minutes.
- Developed and maintained a pharmacy management system used by 800 pharmacies across Germany, automating daily operations, scheduling, shift templates and working-time planning for 67,000 staff.
- Introduced Docker Compose and HTTPS debugging with OpenSSL for .NET microservices and the Angular app, replacing complex cloud-only setup with a local development environment. This removed multi-service setup friction and kept delivery moving when cloud infrastructure bottlenecks blocked development.
- Adjusted Azure Active Directory configuration to support the local HTTPS-based development setup.
- Improved microservice communication and performance using RabbitMQ in a distributed architecture, reducing average response latency by 70% and eliminating timeout failures in the pharmacy scheduling system

Senior Fullstack Developer - Ørsted | Mar 2021 - Aug 2022

Wind farm cost estimation platform | Denmark

- Created two production-oriented microservices in an Azure/Kubernetes environment: 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.
- 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.
- 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

• **Unblocked 1,000+ banking users by diagnosing and fixing a permissions-system bottleneck using async patterns across the affected flow, JMeter performance tests and SQL Profiler analysis, restoring application availability for the HR OKR platform.**

- 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.
- Implemented DDD/CQRS patterns with MediatR and Hangfire and supported team delivery through technical leadership, interviews and architecture guidance.

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

Data offline sales synchronization platform | Poland

• **Designed and implemented generic and dynamic grid with advanced filters from Excel which speed up creating tables by 80%**

- Led development of a new web application for offline sales data synchronization while supporting 2 junior frontend 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.

Lead Fullstack Developer / 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
- **B.Eng., Computer Software Engineering and Network Systems** - Bielska Wyzsza Szkola im. J. Tyszkiewicza | 2007 - 2011. Specialization: Software Development Technologies and Network Systems.

CERTIFICATIONS & COURSES

- AI/RAG/Agents on Google Cloud, Bielik.AI, FastAPI, NVIDIA platform and beyond.pl - 2025/2026
- 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: Nexxis Streaming & Recording HD Video; Nexxis OR API Developer - 2014/2015

LANGUAGES

Polish native | English C1 professional working proficiency | German A1 elementary.

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