



Łukasz Myśliński

Senior Software Engineer · Architect · Technical Lead

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PROFILE

Master of Engineering degree in Software Development Technologies specialization from Poznan University of Technology. Solid and proven experience in software development from fullstack software engineer in web and desktop (entertainment, medical, financial projects) to architect and project/team leader. Driven by hard work, creativity and passion to solve new challenges. Team player and autonomous character with remote working experience.

CORE SKILLS

Backend & APIs (.NET/Node.js): .NET 6+/ASP.NET Core, C#, LINQ, Entity Framework, Node.js (TypeScript), Express, REST, SignalR/WebSockets, Swagger/OpenAPI

Frontend: Angular 8–17, TypeScript, RxJS, Kendo UI, Bootstrap, HTML/CSS, WPF

Cloud & DevOps: Azure (DevOps (CI/CD), Databricks, Kubernetes Service, App Insights, Key Vault, Service Bus Messaging, Cosmos DB API, Active Directory), Docker/Compose, SSL/OpenSSL

Data & Messaging: MS SQL Server, MySQL, MongoDB, CouchDB, SQLite, RabbitMQ, SignalR, GraphQL

Architecture & Security: Microservices, DDD, CQRS (MediatR, Hangfire), OAuth2/OIDC, IdentityServer, JWT, WebSockets, MVVM, Clean architecture

Testing & Quality: TDD, xUnit/NUnit, Jest/Protractor (E2E), Fluent Assertions, Mocks, code reviews, pair programming

EXPERIENCE

Senior Software Engineer, Technical Leader — mysl.tech (B2B)

Jun 2018 – Present · Poznań, Poland (business trips to Denmark and Germany)

- *Sep 2018 – May 2019* **Senior Fullstack Developer and Technical Leader** for a new project, supporting two Junior Fullstack Developers and a Mobile Developer in solving offline sales data synchronization. Built a new web app using Angular/TypeScript with Kendo UI and .NET Core APIs. Designed backend APIs in Swagger and implemented them in .NET Core using Test-Driven Development (TDD). Designed the frontend and security layer using JSON Web Tokens (JWT) and OAuth 2.0.
- *May 2019 – Mar 2021* **Technical Leader and Senior Fullstack Developer** for an OKR platform for HR in banking. Designed architecture using Domain-Driven Design (DDD) with layers (API, application, domain, infrastructure) and Test-Driven Development (TDD). Built architecture from scratch using Docker, MS SQL, .NET Core 3 REST, and Angular 8/9. Implemented DDD/CQRS with Hangfire and MediatR. Conducted technical interviews and was chosen by a team to lead a project.
- *Mar 2021 – Aug 2022* **External Fullstack Consultant** developing internal platform to manage and estimate the cost of wind farms. Worked in Scaled Agile Framework (SAFe) for an offshore wind energy

leader in Denmark. Building and maintaining a distributed, microservice-oriented system fully configured with a CI/CD pipeline in Azure DevOps and deployed on Kubernetes pods. Utilized pair programming and working peer-to-peer with architects using C#/.NET Core 5, NUnit/xUnit, Angular 11/TypeScript, Azure, Docker, and MongoDB via Azure Cosmos DB API. Created two microservices, one based on a data contract with TDD due to multiple API integrations and second for email template and sending in parallel over the post server. Improved stability in end-to-end tests using Jest/Protractor (TypeScript).

- *Sep 2022 – Nov 2023* **Senior Fullstack Developer** for a German pharmacy management system (PMS) that automates and streamlines daily operations, including scheduling with features like shift templates for managing hours and shifts. Enhanced developer efficiency in the local environment by implementing Docker Compose and OpenSSL for HTTPS debugging in .NET and Angular. Improved performance in microservices architecture using RabbitMQ.
- *Nov 2023 –* **Fullstack Developer** working on a German financial strategy-to-execution platform that unifies market modeling, account planning, forecasting, and performance management. I help build a system that standardizes how AMI and Automotive Components teams create revenue and profitability plans, compare them to targets, and manage execution through transparent, auditable, shared data across organizational levels. My stack includes Node.js, Angular micro-frontends, GraphQL, Azure Databricks, PySpark, Apache Spark, and Python. I also enhance CI/CD pipelines for faster and more reliable delivery. I use Python for machine learning in side projects, leverage Claude via GitHub Copilot with Visual Studio Code and ChatGPT Plus for deep technical research, repository understanding, requirements analysis, MVP based on .NET 10, PostgreSQL 16, Angular 21 and architecture planning.

Senior Software Engineer · Architect · Technical/Team/Project Lead — E-Surf Ltd.

Sep 2012 – May 2018 · Poznań, Poland (business trips to Germany, Netherlands, Sweden, Belgium)

- **Technical Leadership & Device Integration**
 - **Operating Room Orchestration:** Led the integration of disparate medical hardware (surgical tables, lighting, gas systems) using RS232, TCP/IP and UDP.
 - **Audio/Video Engineering:** Developed custom MP3 codecs and recording modules using NAudio - open-source .NET audio library; integrated HD quality audio, image and video through IP-based solutions from Barco company using REST APIs, replacing traditional cabling with networked, uncompressed or highly compressed audio/video for low-latency, high-detail surgical streaming
 - **Advanced Telephony:** Implemented Bluetooth HFP (Hands-Free Profile) for seamless mobile integration within clinical environments.
 - **System Optimization:** Enhanced system responsiveness by transitioning synchronous processes to asynchronous, multithreaded and distributed patterns.
- **Data Aggregation & Clinical Review Systems**
 - **Clinical Review Application:** architected and implemented a clinical review platform for surgeons and doctors that consolidated intraoperative data — including PACS imaging, surgical video, images and audio voice recordings — into a unified application for post-procedure analysis, navigation and documentation.
 - **Surgical Data Centralization:** Designed a server-side infrastructure for a clinical review application, aggregating PACS imaging, video, and audio data into a single source of truth.

- **Temporal Audio Sync:** Engineered a server-processing pipeline to align voice annotations with video timelines, allowing surgeons to navigate recordings via audio-indexed markers.
- **Gesture-Controlled UI:** Directed a specialized project utilizing Kinect 1/2 APIs for touchless interface control in sterile environments.
- **Acoustic Engineering & Voice Control:** Integrated a quad-microphone array featuring sound source localization and active echo cancellation. Developed custom speech recognition grammars using confidence thresholding (>0.85) to ensure reliable, hands-free command execution in high-noise surgical environments.
- **Architecture & Team Management**
 - **Real-Time Infrastructure:** Developed a microservices prototype utilizing SignalR and WebSockets to enable real-time, cross-platform device control.
 - **Agile Leadership:** Managed a cross-functional team of ten, overseeing version control (Git/SVN) and documentation workflows to ensure total project transparency. Working peer-to-peer with product and electrician medical engineering leads.
 - **Full-Stack Expertise:** Delivered multiple full-stack medical applications across C#/.NET, WCF, WPF MVVM, and ASP.NET MVC, including: (1) the central Integra desktop platform for orchestration of operating room devices and services, (2) archive services for transferring intraoperative data into a Clinical Review Application, (3) a tablet web application for partial OR control and digital checklist workflows, (4) a Kinect-based hands-free application for pathology environments, supporting faster interaction, student conferences, and centralized access to procedural data, audio voice recordings and imaging.

Software Developer — DomData AG Ltd.

Aug 2011 – Sep 2012 · Poznań, Poland

- Workflow enhancements (C#, Windows Workflow Foundation, MS SQL); PDF signing (C#, WCF/SOAP); barcode library; front-end modules (ASP.NET MVC, JS, AJAX).

Lead Web Developer — WinkMedia Ltd.

Jan 2011 – Aug 2011 · Poznań, Poland

- Tech lead & full-stack for entertainment platform; social-media post manager (PHP, JS, AJAX, MySQL; Facebook & bit.ly APIs).

Web Developer · Technical Team Lead — Royal Solutions

Mar 2010 – May 2011 · Bielsko-Biała, Poland

- Led/improved multiple web projects (PHP/JS/AJAX/MySQL/MS SQL, IIS/Windows Server, C#, HTML/CSS, WSDL/SOAP).

EDUCATION

M.Eng., Software Engineering — Poznań University of Technology (2011–2013) — Thesis: Visualization of errors in MDS; interests: data mining, image processing, machine learning (kNN, neural networks).

B.Eng., Computer Software Engineering & Network Systems — Bielska Wyższa Szkoła im. J. Tyszkiewicza (2007–2011).

CERTIFICATIONS & COURSES (SELECTION)

- Building AI agents with Bielik AI and Google Cloud Platform (2025)
- Secure Code Warrior (2022)
- Practical Machine Learning for Beginners — 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)
- Driving License: Category B

LANGUAGES

Polish (C1, native) · English (B2, professional) · German (A1, elementary)

VOLUNTEER EXPERIENCE

Organization Manager, Poznań AI (Science & Technology)

Organized an active local AI group as a continuation of Python Data workshops

Team Leader, Online Community

Managed 1000+ users; led 30-member team; built Lua scripts, anti-cheat, web portals.

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