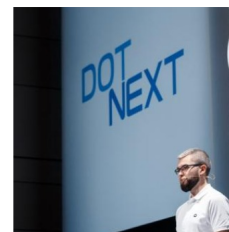


ŁUKASZ PYRZYK

.NET technical lead, 7x Microsoft MVP in Developer Technologies



BASIC INFORMATION

Wrocław, Poland

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WORK EXPERIENCE

Organizer

April 2025 – Present

Wrocław .NET User Group

.NET Technical Lead

February 2021 – Present

Sonova AG

- Ownership and development of multiple **ASP.NET Core microservices** and **APIs** capable of handling hundreds of millions of requests per month
- Implementation of a solution for offering **updates over the air**. Building a **scalable infrastructure** to handle temporary massive traffic spikes.
- Ownership, **R&D, architecture & development** of the rewrite of the **WebRTC solution** used by end-users and Hearing Care Professionals. A lot of time spent on R&D, reading books or **RFCs** to better understand the problem, **P2P communication** and **networking**. The entire solution has been redesigned and written from scratch, with a **new infrastructure and architecture that is scalable** for customers around the world, including **self-contained China region**
- R&D, **commando** – handling the most difficult tasks in the backend teams, migrations and updates, PoC of Rust-based WebRTC solution, debugging & problem-solving
- Interviewing candidates for C# roles

Senior .NET / Azure Developer

January 2018 – February 2021

Sonova AG

- creating and maintaining dozens of **ASP.NET Core micro-services**
- creating, maintaining and designing internal SDK libraries, like a wrapper around **Servicebus, CosmosDB** and other
- integrating many **Azure services**, including **SQL Server, CosmosDb, Servicebus, Storage, Traffic Manager** and more

but also jumping into roles of the

- **"Dotnetos"** – **debugging, investigations** and **performance improvements** of various components
- **Tech lead** – responsible for **reviewing hundreds of the pull requests** in the team and **also for the other teams**. Verifying technical aspects of the changes in project and libraries
- **Ninja** – acting as a special commando who can jump in to any project to provide **technical guidance** or **solve a technical issue**
- **geek** – introducing a new version of the **C# (7, 8, 9, 10)** to the teams, migration to **.NET 5, .NET 6, 8, 9** end so one.

- **speaker** - presenting changes, libraries and new functionalities for the other teams or management
- **open source enthusiast** - proposing new open source solutions for the teams (for example OpenTelemetry or JMeter), presenting interesting libraries, open source contributions

Some of my work was described on following blogposts:

- <https://www.strathweb.com/2021/05/the-curious-case-of-asp-net-core-integration-test-deadlock/>
- <https://www.strathweb.com/2021/07/eager-refresh-of-values-for-asyncexpiringlazy/>

Cofounder

March 2018 - October 2025

Dotnetos - courses & conferences about .NET

- <https://asyncexpert.com> - **Async Expert course**, 1704 minutes about asynchronous programming in .NET
- <https://diagnosticexpert.com> - **.NET Diagnostic Expert** - online course about diagnostic in .NET
- <https://procsharp9.com> - **C# 9.0 Professional** - online course about C# 9
- <https://course.dotnetmemoryexpert.com> - **.NET Memory Expert course** - online course about memory management in .NET
- <https://conf.dotnetos.org/> - **Dotnetos Conference 2022** online edition - free online event, 3 days, 9 world-class speakers
- <https://conf.dotnetos.org/2021online> - **Dotnetos Conference 2021** online edition - free online event, 3 days, 9 world-class speakers
- <https://conf.dotnetos.org/2020online> - **Dotnetos Conference 2020** online edition - free online event, 5 days, 5 speakers
- <https://conf.dotnetos.org/2020> - **Dotnetos Conference 2020**, 2 days, canceled due to pandemic
- <https://conf.dotnetos.org/2019> - **Dotnetos Conference 2019**, 2 days, 13 world-class, Microsoft MVP speakers
- <https://conf.dotnetos.org/2018> - **Dotnetos Conference 2018**, 1 day, 8 world-class, Microsoft MVP speakers

Senior Software Developer

October 2016 - December 2017

Ryanair

Senior .NET developer for the team delivering new applications for managing the Ryanair resources (crew, planes, bases).

- Mostly focusing on the **backend** for the WPF application
- Integrating many **Azure services**, including **Servicebus**, **Storage** and **Database**
- **Performance investigation** and **optimizations**
- Providing technical improvements for other developers like centralized logging, centralized package management, CI/CD refactor
- **Cooperation with the BI team to provide an algorithm for better resource utilization and automatic assignments**

Software Developer

July 2015 - October 2016

Credit Suisse

- **Distributed risk calculation engine** and framework for distributing tasks to the **internal cloud**.
- **High-performance, distributed cache system** (like Redis) based on **TCP/IP**.

My daily responsibilities were **optimization of the code and database, refactoring** of the old components and **general maintenance**. I was a primary developer in a big investigation of the issues with **random deadlock on the production environment** - walk with **low level debugging tools** through large and complex system written in **C#, F#** and **C++**.

Software Developer

July 2014 - July 2015

Volvo

- **High performance system**, designed for processing approximately one **million of XML messages per day**. My primary task was the implementation of a new message type - design of the new workflow, receiving files from the queue using **Windows Services** and **Console Apps**, advanced validation, processing with several processes and services, and saving to the database. The next step was web application in **ASP.NET** and custom implementation of **Telerik controls**. Currently, the webpage is being used by more than ten thousand unique clients per day. I had the opportunity to find, detect, and fix several **important performance issues**.

IT Specialist

January 2012 – June 2014

Step Records

PHP, JavaScript, JQuery, HTML and CSS. Server and application maintenance, IT support.

EDUCATION

Computer engineering

October 2013 – June 2017

Opole University of Technology

- **Rector's scholarship for the best students** (2014/2015, 2015/2016, 2016/2017)

- Engineer's Thesis: Design and implementation of distributed cache system

<https://github.com/lukasz-pyrzyk/Kronos>

- Active member of the academic .NET research group acting under auspices of the Microsoft.

ACHIEVEMENTS

- **Microsoft MVP** in Development Technologies for 2018, 2020, 2021, 2022, 2023, 2024, 2025

- **Top Five in Games competition, Imagine Cup** contest organized by **Microsoft** (2015)

- **1st place in Poland** in the national competition "Computer Biathlon" organized by Kaspersky Lab Poland (2013)

- **Two-time finalist competition** "Seeing Mathematics" organized by the Jagiellonian University (2011, 2012)

- **Title of Henry** – the highest honor awarded by the IV High School in Częstochowa for special achievements

COMMUNITY

Microsoft MVP and co-founder of the Dotnetos. **Conference and meetup speaker**, active member of .NET community in Poland. I have delivered over 40 presentations at conferences and meetups across Europe, covering topics such as WebRTC, OpenTelemetry, .NET performance, and Azure.

REFERENCES

More than 10 recommendations are available on my LinkedIn profile

<https://www.linkedin.com/in/lukaszpyrzyk/>

I hereby give consent for my data included in my application to be processed for the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.