

Angelika Maria Piątkowska

Software developer (.NET)

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Education:

2025 – 2026 **Higher education school in Przemyśl- Backend development in .NET , postgraduate studies**
2023 – 2024 **National Louis University in Nowy Sącz- Cyberpsychology, postgraduate studies**
2023 – 2024 **National Louis University in Nowy Sącz- Software Development of Business Applications, postgraduate studies**
2020 – current **National Louis University in Nowy Sącz- Psychology**
2020 – 2021 **Higher education school in Przemyśl- Cybersecurity, postgraduate studies**
2019 – 2020 **University of Zielona Góra- Informatics, M.Sc**
2015 – 2016 **University of Zielona Góra- Health and Safety, postgraduate studies**
2013 – 2014 **PSKK Zielona Góra BHP - Health and Safety technician**
2010 – 2014 **University of Zielona Góra- Informatics, BSc**
2006 – 2010 **Zespół Szkół im. Mikołaja Kopernika in Witnica- IT Technician**

Languages:

English (B2), Polish (Native)

Courses and trainings:

- 2021 Azure Fundamentals (AZ-900) <https://www.youracclaim.com/badges/3e62020a-f7cc-4fce-bf33-0110c2160951>
- 2014 Certificate (class A) in the service of amateur radio communication (CEPT T/R 61-02) nr A-22075 ; callsign SQ3RLY
- 2012 Preparation course for candidate counsellors at holiday camps for children and youth
- 2012 Microsoft Academy; REC Academy
- 2011 Training in presentation techniques (Piasecka & Zylewicz), HP Academy
- 2010 Cisco IT Essentials PC Hardware and software

Technologies:

- **Programming languages:** .Net, C#
- **Frameworks:** React, ASP .NET WEB API, ASP .NET MVC, nunit, xunit, mstest, WPF, Windows Forms, nancy
- **Tools :** ReSharper, dottrace, Visual Studio 2022, WinDBG, FXCop, dotCover, consul, service fabric, SSMS, windbg, Windows Forms, DevExpress, revdebug, Wireshark
- **Databases:** Microsoft SQL Server, Oracle SQL
- **Cloud:** Azure, Azure Cognitive Service, Azure Key Vault, Azure AppService, Azure Virtual Machines, Azure Service Fabric, Azure Functions, Azure SQL, Azure Entra ID,
- **CI/CD:** Octopus Deploy, Jenkins, Azure pipelines, Azure Devops
- **Other:** Microservices Architecture, DDD, Jira, Confluence, Git,

Work experience

2024 - current Wyższa Szkoła Biznesu National Louis University w Nowym Sączu
– Lecturer, teacher

Cyberpsychology

2025 – 2026 Nexus Polska – Software engineer

Eskulap NG – Hospital Information System app

Technologies:

- **Typy projektów:** ASP .NET CORE WEB API, Angular
- **Języki programowania:** C#, JS
- **Platforma:** .NET 8
- **SQL:** Oracle SQL
- **Bugtracking:** Redmine
- **System kontroli wersji:** GIT

2021- 2025 BCF Software – Architect/Senior Fullstack Software Engineer

Project 1: The project concerned data integration in various insurance systems in countries outside the EU. Small use of user interface, large use of databases. Working with technical documentation of systems, strong emphasis on testing.

Technologies:

- **Type of projects:** ASP .NET CORE WEB API, ASP NET CORE MVC, React (<5%)
- **Libraries :** moq, mediatR, swagger
- **Cloud:** AWS (S3, DynamoDB, Lambda)
- **Main language:** C#, React
- **Platform:** .NET 4.8
- **Test frameworks:** MSTest, Specflow
- **SQL database:** Microsoft SQL Server 2022 (with Entity Framework Core)
- **Documentation:** Jira, Confluence
- **Version control systems:** GIT
- **CI platform:** Azure Devops, Azure Pipelines, Pulumi (to deploy AWS part)

Project 2: Implementation of a distributed microservices-based application for exchanging financial data among various stakeholders of this information. The application allowed different data to be mapped between different systems depending on the needs of customers and allowed various incompatible systems to be spliced together.

Technologies:

- **Type of projects:** ASP .NET CORE WEB API, ASP NET CORE MVC, React (<5%)
- **Libraries :** moq, mediatR, swagger
- **Cloud:** AWS (S3, DynamoDB, Lambda)
- **Main language:** C# 10+, React
- **Platform:** .NET 8.0

- **Documentation:** Jira, Confluence
- **Version control systems:** GIT
- **CI platform:** Azure Devops, Azure Pipelines, Pulumi (to deploy AWS part)

Project 3: Create a project using artificial intelligence to analyze the quality of customer service based on real-time conversations, and using archives of recordings belonging to the customer.

Technologies:

- **Type of projects:** ASP .NET CORE WEB API, ASP NET CORE MVC
- **Main language:** C# 10+, React
- **Platform:** .NET 8.0
- **SQL database:** Microsoft SQL Server 2022 (with Entity Framework Core)
- **Test frameworks:** MSTest,
- **Tools:** Visual Studio 2022
- **Documentation:** Confluence
- **Version control systems:** GIT
- **CI platform:** Azure Devops
- **Cloud technologies:** Azure Cognitive Service Speech and Language, Azure App Service

Project 4: Definition of product scope, defined with Customer, architecture design and PoC implementation of Cybersecurity platform for small and medium companies (security audits, security process management, security incidents and reports dashboard system). Frontend and backend development.

Technologies:

- **Type of projects:** ASP .NET CORE WEB API, ASP NET CORE MVC, React
- **Main language:** C# 10+, React
- **Platform:** .NET 6.0
- **Documentation:** Jira, Confluence
- **Version control systems:** GIT

Project 5: Implementing application used by admins to configure virtual PBX. Solution supports connection to many PBXes at once and support many external endpoints to integrate communication with social media, instant messengers, and other communicators (like MS Teams, Lime, FB, WhatsApp and others). Implementing frontend and backend features.

Technologies:

- Type of projects: ASP .NET CORE WEB API, ASP NET CORE MVC
- Main language: C# 10+, React
- Platform: .NET 6.0
- SQL database: Microsoft SQL Server 2022 (with Entity Framework Core)
- Test frameworks: MSTest,
- Tools: Visual Studio 2022
- Documentation: Confluence

- Version control systems: GIT
- CI platform: Azure Devops

Project 6: Implementation of ASP.NET CORE WEB API with .NET Core 2.2, .NET 5 and .NET 6, and writing console apps – using by laboratory application. Applications communicate with each other using Rest API (via refit)

Technologies:

- **Type of projects:** ASP .NET CORE WEB API
- **Main language:** C# 6.0+ Platform: .NET Core 2.2, .NET 5, .NET 6; SQL
- **Databases:** Microsoft SQL Server (via Entity Framework)
- **Test framework:** MSTest
- **Tools:** Visual Studio 2019, Visual Studio 2022, SSMS
- **Documentation:** Confluence, Jira, internal wiki
- **Version control systems:** GIT
- **CI platform:** Bamboo, Bitbucket

2020 – 2021 Core services - .NET Core Software Engineer

Implementation of microservices based application with ASP.NET Web Api and WCF to integrate with different products. Implementing windows system services. Front-end integration. External payment gateway integration.

React based Web app frontend integration with backend API.

Technologies:

- **Type of projects:** ASP .NET CORE WEB API
- **Main language:** C# 5.0+
- **Platforms and Frameworks :** .NET Framework 4.6.* .NET Core 2.2, React
- **SQL Databases:** Microsoft SQL Server (with dapper and fluent nhibernate)
- **Test frameworks:** nunit, xunit,
- **Tools:** ReSharper, dottrace, Visual Studio 2019, WinDBG, FXCop, dotCover, consul, service fabric , SSMS
- **Documentation:** Confluence, Jira, internal wiki
- **Version control systems:** GIT;
- **CI platform:** Jenkins, octopus deploy, team city, azure devops

2018 – 2020 Gemotial Paweł Klimczyk –.NET Software Engineer / .NET Core Software Engineer

Software Development for Maritime industry. Application implementation dedicated for product management, audit planning, quoting process. Project consisted of desktop application with web module and communication modules.

Technologies:

- **Main language:** C# 5.0+
- **Platform:** .NET Framework 4.6.* .NET Core 2.2
- **SQL databases:** Microsoft SQL Server, Oracle SQL
- **UX technologies:** WPF, Infragistics 19.2
- **Test frameworks:** nunit, xunit
- **Tools:** resharper, dottrace, Visual Studio 2017/2019, windbg, FXCop, dotCover
- **Bug tracking:** Jira Documentation: Confluence
- **Version control systems:** GIT CI platform: Jenkins
- **Supported communication:** IP, COM, internal protocols

2017- 2018 DeLaval Operations Sp. z o.o.- .NET Software Engineer

Development of integrated dairy management system for animals (cow, sheep and goat herds). Working in international team. Implementation of desktop app with web module (used for testing and inter system integrations)

Technologies:

- **Main language:** C# 5.0
- **Platform:** .NET framework 4.6.*, DevExpress XAP 17.*
- **SQL databases:** Microsoft SQL server
- **UX technologies:** Windows Forms with DevExpress
- **Test frameworks:** nunit;
- **WebApi:** nancy
- **Tools:** resharper, dottrace, Visual Studio 2017, windbg, FXCop, NCover
- **Bug tracking:** Jira Documentation: Polarion, Confluence
- **Version control systems:** GIT
- **CI platform:** Jenkins

2015 – 2017 ITENS SC. - .NET Software Engineer

Applications Development to configure embedded devices and network of this devices for heating systems including implementation of internal communication protocols. Single user internal desktop applications implementation (secured by hardware dongle and database based authentication).

Technologies:

- **Main language:** C# 5.0 Platform: .NET 3.5- 4.6.1
- **SQL databases:** SQLite, SQL server compact edition
- **UX technologies:** WPF, Windows Forms Test frameworks: XUnit
- **Tools:** ReSharper, dotcover, dottrace, revdebug, Visual Studio 2015, windbg, wireshark, serial port monitor
- **Supported communication:** serial, ethernet, IP (by sockets)
- **Bug tracking:** Jira, flyspray
- **Version control systems:** GIT, SVN

2011 - 2012 Microsoft Polska

Internship – organization of workshops and lectures

2009 Test System

Internship – computer services and data recovery

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