



Paweł Serafin

Senior .Net Developer

19 years of experience

SUMMARY

I have over 19 years of experience in software development, primarily as a .NET Developer. I am experienced in creating technical documentation, designing and developing new functionality, building integration solutions, maintaining, refactoring, and extending existing code, as well as software testing across both on-premises and cloud (Azure) environments, spanning backend and frontend technologies. I am skilled in MS SQL query optimisation. I am focused on full-stack development and comfortable taking on leadership roles within projects. I use AI tools, including Claude & Antigravity, to improve my work and productivity. I am a team player, open-minded, and willing to share my knowledge with others.

Sector's knowledge	Financial, Banking, Insurance, e-Commerce, Car-Sharing, Psychometrics, SFA/CRM
Frontend	Angular, Type Script, Java Script jQuery, Html, CSS, Material, PrimeNG, NgRx, Blazor
Backend/Languages	C#, .Net Framework 4.8, .Net 10, ASP.NET, ASP.Net, Entity Framework, Dapper, SignalR, Open XML, JSON
Cloud/Devops	Entra AD, App Service, Function App, Container App, App Insights, Front Door, APIM, Data Factory, Azure SQL, Azure Table, Service Bus, VNet, Key Vault, Az Devops, Terraform, ARM Template, CI/CD, Graph API, Sharepoint Online, New Relic
Data/Storage	MS SQL, noSQL, Snowflake, Blobs

Architecture/Patterns

Event-Driven, Rest API, DDD, SPA, SOLID, KISS, DRY, YAGNI, Micro-services, Clean Architecture, N-layer Architecture, SOA, Containers, CQRS, Mediator

AI/Testing

Claude, Antigravity, xUnit, AutoFixture, Moq

Version control systems

GIT, SVN, TFS

Project management methodologies

Agile, Scrum

Project management tools

Jira, Azure DevOps

Tools

Visual Studio, Visual Studio Code, SQL Server Management Studio, SQL Profiler, Microsoft Azure Storage Explorer, Postman, Git Extension, Notepad++

PROFESSIONAL EXPERIENCE

Guest TEK

3 months

TIER 1 SUPPORT AGENT (2007)

Project description:

- Call center support agent

Tasks:

- Fixing technical and software issues with customers' internet access

Asseco Poland S.A.

2 years

COBOL DEVELOPER (2007 – 2009)

PKO BP S.A. Project:

Project description:

- ▶ Implementing the Alnova system (main transactional system) for PKO BP S.A.
- ▶ Business partner: PKO BP S.A., a Polish bank

Tasks:

- ▶ Creating high-level (business) and data (technical) designs
- ▶ Developing software (JCL, COBOL, DB2)
- ▶ Managing documents (Microsoft SharePoint)
- ▶ Testing and bug fixing
- ▶ Tuning application and database performance

Technology Stack:

- ▶ JCL, Cobol, DB2, SharePoint

Asseco Business Solutions S.A.

5 years

DEVELOPER (2009 – 2015)

Factor Project:

Project description:

- ▶ Developing an invoice factoring application
- ▶ Business partners: Millennium Bank, BOŚ, BPS, Deutsche Bank, Raiffeisen Bank, Pekao S.A.

Tasks:

- ▶ Developing software (PowerBuilder 10, MS SQL)
- ▶ Creating integration platforms (C#, CLR functions, WCF)
- ▶ Creating documentation
- ▶ Testing and bug fixing
- ▶ Maintaining existing code
- ▶ Tuning application and database performance

Technology Stack:

- ▶ PowerBuilder 10, MSSQL (2005-2008), C#, CLR functions, WCF

Mobile Touch Project:

Project description:

- ▶ Developing an SFA/CRM application
- ▶ Business partners: Nestlé, Mondelez International, Lotte Wedel, Tchibo, Hortex Holding

Tasks:

- ▶ Developing the company's common platform (NeoN)
- ▶ Developing business-specific products based on NeoN, such as Mobile Touch and Invoice Factor
- ▶ Testing and bug fixing
- ▶ Tuning application and database performance

Technology Stack:

- ▶ C#, .NET 4.5, WCF, Silverlight, MSSQL (2008-2014), Entity Framework



SII

6 years

SENIOR .NET DEVELOPER (since 2015)

Pekao S.A. Project:

Projects description:

- ▶ ModulGF - managing the registration of tax documents
- ▶ Stawki - automating the calculation of reference rates
- ▶ EPU - managing communication and integration between the bank and the e-court
- ▶ Full-stack development

Tasks:

- ▶ Developing software
- ▶ Creating documentation
- ▶ Testing and bug fixing
- ▶ Maintaining existing code

- ▶ Tuning application and database performance

Technology Stack:

- ▶ C#, .NET (4.0), MVC, jQuery, JSON, HTML, CSS, Razor, Rest API, MSSQL (2012), Entity Framework

PKN Orlen Project:

Project description:

- ▶ eHurt, oneHurt – an online service for the wholesale of petrol and asphalt products
- ▶ Full Stack development

Tasks:

- ▶ Developing software
- ▶ Migrating existing features to the new platform
- ▶ Testing and bug fixing
- ▶ Designing new features

Technology Stack:

- ▶ C#, .NET (4.6), .NET Core (starting from beta => 2.0), Angular 2 (beta => final 2.0), MVC, TypeScript, JavaScript, jQuery, HTML, CSS, PrimeNG, Bootstrap, JSON, MSSQL 2012, Entity Framework

Hoist Finance Project:

Project description:

- ▶ Supporting the customer's development team
- ▶ Cooperating directly with the German branch

Tasks:

- ▶ Creating dedicated integration features between the customer's systems
- ▶ Creating tools for processing OpenOffice template files
- ▶ Analysing existing code for documentation purposes

Technology Stack:

- ▶ C#, .NET (4.6), XML, OpenOffice

SII Notifier Project:

Project description:

- ▶ Creating a web application for managing company resources (employees, working time, projects)
- ▶ The main goal of this project was to train students (interns) participating in SII's Summer Talent Academy (LAT) programme
- ▶ As team leader, I was responsible for training the interns in new technologies and project standards, and for giving them good experience of working on a real-life project
- ▶ After the training, all trainees were employed by SII
- ▶ Full-stack project

Tasks:

- ▶ Gathering business requirements
- ▶ Designing the solution architecture
- ▶ Training interns
- ▶ Creating progress reports

Technology Stack:

- ▶ C#, .NET Core (2.0), Angular (6), MVC, TypeScript, RxJS, HTML, SCSS, JSON, PrimeNg, Nebular, Entity Framework, Azure DB, Azure (CI/CD on DevOps, App Services, AAD)

ABB Project:

Project description:

- ▶ MXP Self Service - creating a web application that helps maintain ship turbochargers

Tasks:

- ▶ Developing Software
- ▶ Testing and bug fixing

Technology Stack:

- ▶ C#, .NET (4.6), MVC, Rest API, XML

Gyldendal Project:

Project description:

- ▶ Creating a library for transforming legal documents written in XML into a new format
- ▶ Working directly with the business customer

Tasks:

- ▶ Developing software
- ▶ Testing and bug fixing
- ▶ Handling all communication with the customer
- ▶ Gathering business requirements from the customer and preparing the necessary documentation

Technology Stack:

- ▶ C#, .NET Standard, XML

Ingenico Project:

Project description:

- ▶ Creating a web app for managing payment terminals
- ▶ Full Stack development

Tasks:

- ▶ Developing software
- ▶ Testing and bug fixing

Technology Stack:

- ▶ C#, .NET Core (2.1), Angular (5), MVC, TypeScript, RxJS, JavaScript, jQuery, HTML, CSS, Bootstrap, JSON, MSSQL (2016), Entity Framework, Azure (CI/CD with DevOps, App Services)

Bilpoolen Project:

Project description:

- ▶ Maintaining a web app for a car-sharing company
- ▶ Full-stack development

Tasks:

- ▶ Developing software (mainly maintenance)
- ▶ Testing and bug fixing

Technology Stack:

- ▶ C#, .NET (4.5), MVC, TypeScript, JavaScript, jQuery, HTML, CSS, Bootstrap, JSON, MSSQL (2012), Entity Framework

SII Spot Project:

Project description:

- ▶ Creating a web application for managing parking lots in one of the SII offices
- ▶ Designed and built on my own initiative between projects
- ▶ Full-stack development

Tasks:

- ▶ Gathering business requirements
- ▶ Designing the solution architecture
- ▶ Developing features and fixing bugs

Technology Stack:

- ▶ C#, .NET Core (3.0), Angular (8), MVC, TypeScript, RxJS, NgRx, HTML, SCSS, JSON, Material Design, Azure (CI/CD with DevOps, Azure App Services, Azure Storage)

Leica Geosystems Project:

Project description:

- ▶ BLK3D Web - creating a web application for measuring objects in images
- ▶ Full-stack development

Tasks:

- ▶ Developing software
- ▶ Testing and bug fixing

Technology Stack:

- ▶ C#, .NET Core (2.2), Angular (7), MVC, TypeScript, RxJS, NgRx, HTML, SCSS, Material Design, JSON, Azure Storage , Azure (CI/CD with DevOps, App Services)

10x Psychology Project:

Project description:

- ▶ 10xDashboard / 10xAssessment - creating a web application for managing and improving employee performance in the workplace
- ▶ Creating migration services using Azure Data Factory

Tasks:

- ▶ Developing software
- ▶ Creating a mechanism for templating interview guides (Open XML)
- ▶ Creating a disaster recovery mechanism (backup and restoration of business data and services)
- ▶ Testing and bug fixing
- ▶ Improving application performance
- ▶ Implementing Azure AD B2C authentication as an alternative authentication method
- ▶ Creating data migrations with Azure Data Factory

Technology Stack:

- ▶ C#, .Net (4.8), .NET Core (2.2/3.1), MSSQL, Word.Interop, OpenXml, Azure DevOps CI/CD, Azure (Data Factory, Key Vault, App Service (+ slots), Function App, Logic App, SQL Server, Storage (Blobs/Tables/Queues), Virtual Machine, Active Directory (B2C), Application Insights, Arm Templates)



Shimi _____ over 4 years

LEADER/SENIOR .NET DEVELOPER (since 2021)

HISCOX (HSL Claims):

Project description:

- ▶ Migrating policy data
- ▶ Creating integrations between the customer's systems and external systems

Tasks:

- ▶ Preparing the solution architecture
- ▶ Performing business analysis
- ▶ Leading the development team
- ▶ Developing software
- ▶ Preparing documentation
- ▶ Analysing existing customer applications

Technology Stack:

- ▶ C#, .NET (6.0), Snowflake, MSSQL, IaC: Terraform + CI/CD with DevOps, Azure hosted (Data Factory + SHIR, Service Bus, Function App, VNET integration, Storage Account, APIM, Front Door, OAuth2 + Azure AD), brief work with Angular 6

HISCOX (Special Risk):

Project description:

- ▶ Migrating insurance documents (sourced from internal storage and SQL binary data) to SharePoint

Tasks:

- ▶ Preparing the solution architecture
- ▶ Working with the InfoSec team to ensure the security and compliance of the solution
- ▶ Performing business analysis
- ▶ Developing software
- ▶ Preparing documentation
- ▶ Analysing existing internal applications and storage solutions
- ▶ Integrating with SharePoint (PnP Framework)

Technology Stack:

- ▶ C#, .NET (6.0), Intranet storage, MSSQL, SharePoint (PnP Framework), OpenXml (preparing reporting tool)

HISCOX (BUD Claims):

Project description:

- ▶ Creating a policy and claims management application
- ▶ Full-stack development

Tasks:

- ▶ Preparing the solution architecture
- ▶ Designing and implementing event-driven architecture (Azure Service Bus, Azure Function App)
- ▶ Working with the InfoSec team to ensure the security and compliance of the solution
- ▶ Working directly with business analysts to gather business requirements
- ▶ Developing software
- ▶ Preparing documentation
- ▶ Analysing existing internal applications (data sourcing)
- ▶ Migrating code to the latest framework versions
- ▶ Creating integration APIs (.NET HTTP-based endpoints), Function Apps and APIM
- ▶ Integrating with SharePoint (Graph API)
- ▶ Managing user accounts (Azure AD, OAuth2, OpenID Connect, Graph API)
- ▶ Creating a deterministic indexing mechanism for SharePoint documents

Technology Stack:

- ▶ C#, .NET (10.0), Blazor Server, Azure (Function App, Service Bus, APIM, Key Vault, Front Door, VNET integration, Azure AD, Graph API), MSSQL, SharePoint (Graph API), OpenXml (preparing reporting tool)

LATEST REFERENCES

Vaishnu kumar Hariharan, Lead Software Engineer at Hiscox:

- ▶ I had the pleasure of working with Paweł for more than three years on the same development team, and I have continued to seek his technical advice and perspective over the last five years during his time with Hiscox. That alone speaks volumes about the trust and respect he has earned as an engineer and colleague.

Paweł Serafin

Senior .Net Developer

- ▶ Paweł possesses deep expertise across the .NET technology stack and consistently demonstrates exceptional ownership in everything he undertakes. He never compromises on quality and always strives for excellence, setting high standards for himself and those around him.
- ▶ What sets him apart is his willingness to challenge the status quo and share his views openly and constructively. He approaches problems with a long-term perspective, carefully considering scalability, maintainability, longevity, and fitness for purpose rather than focusing solely on short-term solutions.
- ▶ Beyond his technical abilities, Paweł is a genuinely caring and supportive colleague. He takes a sincere interest in the wellbeing and success of his teammates, making him not only a great engineer but also a wonderful person to work with.
- ▶ I would highly recommend Paweł to any team looking for a talented, thoughtful, and highly committed software engineer and technical leader.

Dean Lesslie, Head of Engineering at Hiscox Re:

- ▶ I managed Paweł for 5 years. He worked on a range of projects for me from payment portals in angular to .net APIs for integrating legacy, to blazor UIs for internal user applications and even some ETL work for supporting 3rd party data transfers. He is a rare commodity in that his knowledge is deep and vast. Couple that with a terrific work rate, ownership of a problem and a willingness to mentor others and you have a serious asset on your hands. An excellent person to work with!

Nick Towers, Product Manager at Hiscox:

- ▶ I have had the pleasure of working closely with Paweł for almost five years as he helped design and build our proprietary London Market claims workbench, and I can say without hesitation that he has been one of the most capable and dependable engineers I've worked with.
- ▶ Technically, Paweł is exceptional. He has a deep, end-to-end understanding of complex systems — from integration architecture through to front-end behaviour — and he architected and delivered foundational, core workbench features, including search engine, document management features, vendor integration, and user role and access management. He doesn't just write code; he understands why the system behaves as it does, anticipates edge cases, and designs solutions built to last.
- ▶ What has always impressed me most is how well Paweł understands our end users. He doesn't just build to a spec — he thinks about how claims handlers will actually use the system day to day and consistently weighs up the trade-offs between feature functionality and optimising performance, making sensible calls that kept the product both powerful and genuinely usable.
- ▶ Beyond his technical skill, Paweł is someone who sets clear direction. He regularly established architectural design from concept, and presented demos to the wider team, explained difficult concepts clearly, and generously supported colleagues to raise the quality bar around him.
- ▶ What sets Paweł apart is his work ethic and the consistency of his output. He took genuine ownership, held himself, his team, and our vendors to high standards, and delivered reliably even against tight deadlines — without ever compromising on quality.
- ▶ Any team would be fortunate to have Paweł. I recommend him wholeheartedly

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Joanna Stańczak, Team Leader at Future Processing:

- ▶ I had the pleasure of working with Paweł as his Scrum Master a few years ago. He is a highly engaged and reliable team member who takes real ownership of his work and always makes sure to follow things through to completion. He consistently delivers high-quality work on time and can always be trusted to get things done. It was a real pleasure working with him!

Bernie Cook, Head of Development at 10x Psychology:

- ▶ Paweł joined 10x in amongst a large development team to build .NET solutions within Azure. Over the course of his 2+ year placement he excelled in delivery, employing his skills and experience on related technologies to deliver solutions within, and outside, these areas, i.e. Angular applications, Azure Data Factory implementations, replication configuration for multiple Azure data repositories - to name a few.
- ▶ Paweł was a professional in every sense of the word, and stood apart in his ability to absorb and execute newly acquired knowledge with ease - a key ability when working within the cloud using new and shifting technologies. He worked extremely well under pressure and was very well liked by his colleagues across all the IT teams.
- ▶ One aspect of his work mindset that I appreciated was that he would always go that extra step to think of what the business, or I, was going to ask for next, or what would add value that hadn't been previously raised. Having one of the team come to you with these solutions, in a high pressure, tight deadline, environment was always welcomed - and made my job much easier. Thanks Paweł.

EDUCATION

2002 – 2007 **Master of Science. University of Maria Curie-Sklodowska in Lublin**
Specialization: Computer science

2006 – 2007 **Bachelor of Economics. University of Maria Curie-Sklodowska in Lublin**
Specialization: Economy

CERTIFICATES & COURSES

- ▶ Advanced MS SQL
- ▶ T-SQL tuning and performance
- ▶ Microsoft Azure Architecture – AZ300 & AZ301
- ▶ Kubernetes
- ▶ Advanced Angular 7
- ▶ C# Programming (.NET 4.0/4.5, Silverlight, WCF)

- ▶ Design patterns in C
- ▶ Domain-Driven Design
- ▶ Advanced JavaScript
- ▶ Control-M, CICS, JCL, COBOL, DB2
- ▶ Advanced DB SQL (IBM)

LANGUAGES

- ▶ Polish - Native
- ▶ English - Advanced
- ▶ German - Elementary
- ▶ Swedish - Elementary

PASSIONS & HOBBIES

- ▶ Family - in the past, work and programming were my biggest passion, but nowadays my biggest passion and love is my family, which fills every free moment I have
- ▶ Volleyball - I guess it's the last activity I can afford to make time for (because of my family)
- ▶ Sense of humour - it's always good to brighten up the working day a little

I hereby give consent for my personal data to be processed for the purpose of conducting recruitment for the position for which I am applying.

Paweł Serafin