

## CONTACT INFORMATION

# Adam Zychma

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## PROFILE

### Software Solution Developer / Architect / TechLead .NET

## WORK EXPERIENCE

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2025 - 2026

### MediaBrands/Omnicom

**Role:** Tech Lead, Senior Software Developer - .NET

**Project:** Azure, .NET and Angular solution delivery.

**Activities:**

- Software engineering and technical consulting,
- Architecture design based on Microsoft Azure Cloud Infrastructure,
- CI/CD implementation with Azure DevOps and EDD approach implementation,
- Microservices and Azure Cloud Computing products usage,
- Implementing AI/RAG features and AI-assisted development: refactoring, migrations, test generation, technical documentation, debugging, code review and prototyping.

**Technologies:** .NET, Azure, Azure DevOps, Angular+, Microservices, RAG, ChromaDB, Pinecone, Qdrant, Semantic Kernel, LLMs, OpenAI/Azure OpenAI GPT, Hugging Face, Llama, Mistral, Claude, Gemini.

**References:** Technical and business references from the customer and coworkers - on demand.

2024 - 2025

### C5 Alliance Group

**Role:** Tech Lead, Senior Software Developer - .NET

**Project:** Azure, .NET and Angular solution delivery.

**Activities:**

- Software engineering and technical consulting,
- Architecture design based on Microsoft Azure Cloud Infrastructure,
- CI/CD implementation with Azure DevOps and EDD approach implementation,
- Microservices and Azure Cloud Computing products usage,
- Implementing AI/RAG features and AI-assisted development: boilerplate and small code fragments, refactoring, migrations, test generation, documentation, debugging, code review, existing code understanding and prototyping.

**Technologies:** .NET, Azure, Azure DevOps, Angular+, Microservices, RAG, ChromaDB, Pinecone, Qdrant, Semantic Kernel, LLMs, OpenAI/Azure OpenAI GPT, Hugging Face, Llama, Mistral, Claude, Gemini.

**References:** Technical and business references from the customer and coworkers - on demand.

12/2021 - 02/2024

## ITMagination / NFG

**Role:** Tech Lead, Senior Software Developer .NET/C#

**Activities:**

- Technology debt reduction / legacy modernization,
- CI/CD improvement,
- Software development,
- R&D,
- Designed and implemented a RAG-based document indexing system for corporate SharePoint and internal wiki knowledge sources, supporting proposal creation from customer requirements. Built semantic retrieval flows with embeddings, vector search, LLM orchestration and context grounding.

**Technologies:** .NET Framework 4.7.2, nHibernate, nServiceBus, Kafka, .NET Core 2-6, Relational DBs, NoSQL, RAG, vector databases/vector indexes, Semantic Kernel, LLMs (OpenAI/Azure OpenAI), embeddings, semantic search, Text Mining/OpenAI.

**References:** Technical references - on demand.

06/2021 - 12/2021

## Sygnisoft SA

**Role:** Senior Software Developer .NET/C#

**Project:** Contractor project delivered through ManAtWork Adam Zychma.

**Activities:**

- Software Engineering consulting,
- Programming - Microsoft Stack Environment,
- Technology Consulting,
- Team Leading.

**Technologies:** .NET Core, Angular+, SQL Server, RabbitMQ, Java, Python, SCRUM, DDD, EDD, Microservices.

**References:** Technical and business references - on demand.

06/2021 - 12/2021

## Euro AGD SA

**Role:** Senior Software Developer .NET/C#

**Project:** Contractor project delivered through ManAtWork Adam Zychma.

**Activities:**

- Software Engineering consulting,
- Programming - Microsoft Stack Environment,
- Technology Consulting,
- Team Leading.

**Technologies:** .NET Core, Angular+, SQL Server, RabbitMQ, Java, Python, SCRUM, DDD, EDD, Microservices.

**References:** Technical and business references - on demand.

07/2020 - 06/2021

## TMT Investments SA / BestBet24 Sp. z o.o.

**Role:** Project Architect, .NET/C#/Angular+ Developer

**Activities:**

- Creating the architecture of a solution based on the Microsoft Azure cloud,
- Software Engineering consulting,
- Launching infrastructure for own PAM class system,
- Integration with the SEON anti-fraud system,
- Technological consulting during the launch of online bookmaking services.

**Technologies:** .NET Core 3.1, Angular 11, Redis, MongoDB, SQL Server.

**References:** Technical and business references - on demand.

01/2019 - 05/2020

## Totalizator Sportowy Sp. z o.o. / LottoMerkury Sp. z o.o.

**Role:** Project Architect, Developing Team Leader .NET/C#

**Activities:**

- Creating the architecture of a solution based on the Microsoft Azure cloud,
- Managing a team of .NET / C#, Angular+ programmers,
- Team code review,
- Leading programming of each project,
- Blockchain systems integration model.

**Projects:**

**Rejestr Wysokich Wygranych** - a system for collecting information on high winnings from various sales channels of Totalizator Sportowy

**Customer Data Platform** - a central database of customers and their activity and compliance with the Responsible Gaming Regulations and the Gambling Act

**Central System Provider** - group of microservices for internal integration.

**Technologies:** .NET Core, Angular+, MongoDB, SQL Server, Microsoft Azure. Integration with other internal / external systems, SCRUM.

**References:** Technical and business references - on demand.

03/2017 - 11/2018

## PWPW S.A.

**Role:** Tech Leader / System Architect

**Project:** TS-Gracz - high-performance, integrated system for operating arcades on EGM slot machines, including modules for receptionists, call-centers, operators and service technicians. Implementation of the internet payment module based on integration with eCard. The system includes advanced data encryption mechanisms in the application layer and efficient indexing for search.

**Activities:**

- Creating the system architecture,
- Leading programming,
- Analysis and implementation,
- Implementation of the solution,
- Cooperation with the client,
- Ensuring compliance of the design and implementation with the GDPR and OWASP 3.0 standards.

**Technologies:** .NET, WebApi, MVC, SQL Server, Entity Framework, Dapper, Core, Docker, Redis, AKKA, AngularJs, Git, SCRUM.

**References:** Technical and business references - on demand.

02/2015 - 12/2016

## mLeasing sp. z o.o.

**Role:** .NET Programmer

**Project:** Sigla - comprehensive sales support system for leasing products implemented for the internal needs of mLeasing.

**Activities:**

- Programmer role in a team of several dozen people working on a comprehensive system for selling leasing products.

**Technologies:** .NET, WebApi, MVC, Oracle, nHibernate, knockoutJs, Durandal, TFS, SCRUM.

**References:** On demand.

08/2014 - 02/2015

## Hewlett-Packard Sp. z o.o.

**Role:** IT Systems Architect (Enterprise Services)

**Activities:**

- Consultant role for BIG DATA area systems and information processing (IM&A),
- Sales support in the area of information processing and analysis,
- Consulting in the area of Autonomy products (IDOL, Vertica),
- Implementation of the documentation management system for the Management Board Office of GA AZOTY based on SharePoint 2010,
- Integration work in the P&G Consumer area based on the Informatica tool,
- Technical leader of the BIG DATA / Text-Mining project [www.hpmediamonitoring.com](http://www.hpmediamonitoring.com) using HP Autonomy tools.

**Technologies:** .NET, Autonomy IDOL.

**References:** On demand.

12/2010 - 08/2014

## Hewlett-Packard Sp. z o.o.

**Role:** FSI Business Architect - Financial and Banking Sector (Enterprise Services)

**Activities:**

- Creation of PoC, business models, startups and new system architectures for the largest banks in Poland,
- Sales support in the area of information handling systems,
- Presentation of concepts and PoCs (Proof of Concepts),
- Creation of a product base in the area of information management for the financial and banking sector.

**Technologies:** .NET, Autonomy IDOL.

**References:** On demand.

01/2010 - 12/2010

## Hewlett-Packard Sp. z o.o.

**Role:** Technical Leader of the Cloud Computing Team (Global Delivery)

**Project:** TARR (exea.com.pl) - internet sales system for PaaS and SaaS services, including remote configuration, purchase and settlement of services.

**Activities:**

- Creating the architecture and design of the exea.com.pl system - an integrated system for managing and selling virtualization for TARR CI,
- Team management, project delivery, production launch and cooperation with the client,
- Conducting the product implementation process under the HP Cloud banner,
- .NET leading programming.

**Technologies:** .NET, MVC, C#, jQuery, VM integration (VCloud Director, Hyper-V).

**References:** On demand.

07/2006 - 01/2010

## Hewlett-Packard Sp. z o.o.

**Role:** Designer / Developer of Internet Systems (Global Delivery)

**Project:** Public Sector clients: ARiMR, PWPW, ePUAP. Banking Sector clients: WestLB Dusseldorf, PKO BP, PEKAO SA, Samba Bank (Dubai), ING Brussels.

**Activities:**

- Design and programming of systems for the public and financial sector,
- Creating architecture and designs of integrated systems,
- Integration projects,
- Cooperation with external companies on comprehensive projects for large corporate clients,
- Implementation of projects for the Polish and foreign market.

**Technologies:** .NET, jQuery.

**References:** On demand.

04/2003 - 07/2006

## T-Systems Sp. z o.o.

**Role:** SAP Enterprise Portal (Systems Integration) Consultant

**Project:** STRABAG Polska Sp. z o.o. - integrated system for collecting data from devices monitoring the operation of construction machines.

**Activities:**

- Work for corporate clients in the area of integrated solutions,
- Technical leader of a team of programmers of a system aggregating measurement data installed on construction machines.

**Technologies:** SAP Portal, C++.

**References:** On demand.

04/2001 - 04/2003

## Winuel Sp. z o.o.

**Role:** Consultant of the Development Department

**Activities:**

- Developing business concepts for the energy sector (PSE),
- Creating the architecture of corporate solutions based on SAP Enterprise Portal and other portal products.

**Technologies:** SAP Enterprise Portal and portal technologies.

**References:** On demand.

07/2000 - 04/2001

## Internet Designer Sp. z o.o.

**Role:** Internet Project Manager / Internet Solutions Architect

**Project:** UNITY product line - technological platform consisting of a portal system, content management and e-commerce.

**Activities:**

- Coordination of a team of graphic designers and web developers for clients from the e-commerce industry,
- Collecting customer requirements in the context of sales support,
- Designing the UNITY product line.

**Technologies:** Internet, portal, content management and e-commerce technologies.

**References:** On demand.

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## EDUCATION

1995 - 2000

## Politechnika Wroclawska (Wroclaw Institute of Technologies)

IT and Management / Software engineering.

Graduated with honors.

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## LANGUAGES

**Mother language**

Polish

**Foreign Languages**

**Understanding Spoken Writing**

English C1 C1 C1

Levels: A1/A2 Basic user - B1/B2 Independent user - C1/C2 Proficient user

Common European Framework of Reference for Languages