

## Resume

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- ▶ I'm a Solution Architect with experience in building enterprise class systems, web applications, high-performance solutions, cloud based, dispersed systems as well as microservices based systems.
- ▶ I've been focusing on a cloud-based architectures as well as domain driven design for last 10+ years.
- ▶ I'm focusing on understanding problem/domain/goal to select the best tools for the challenge (I'm enthusiast of leveraging DDD tools for discovery phase).
- ▶ As a Tech Lead I was building teams, leading/coaching teammates, integrating technical part with the business.
- ▶ I'm keen of using known and opinionated patterns, methodologies, tools.
- ▶ I have experience in different domains: manufacturing, IoT, social network, telecommunication, health care, pharmacy, cosmetology, automatic, interactive TV, GIS, Lottery and business as well.

## Skills

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- ▶ Excellent knowledge of .NET Framework and .NET Core, Software Architecture, Cloud Architecture, Azure
- ▶ Very good knowledge of SQL and NoSQL Databases (Cosmos DB, MS SQL Server, MySQL, PostgreSQL, SQLite, DynamoDB, Cassandra, Cloud DB), Cloud Computing (Azure and Amazon AWS), Data Factory, Snowflake, Data Storage, Design and Architecture Patterns, BI solutions (Power BI, SSAS)
- ▶ Strong frontend development experience. Good knowledge of Angular, KnockoutJS and jQuery libraries
- ▶ Cloud Migration in different models.
- ▶ Experience in strategic and tactic DDD (Event Storming)
- ▶ Knowledge and experience in Scrum methodology.
- ▶ Very strong software design and analytical skills.

## Education

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Time	University	Major/Specialization	Degree
2006-2012	Wroclaw University of Technology	Computer Science/ Internet engineering	MSc

## Courses, certificates

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Year	Institution	Title
2017	Sages	Cloud System Architecture
2016	Sekurak	Web Application Security

## Foreign Languages

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Language	Speech		Text	
	understanding	speaking	reading	writing
English	Very good	Very good	Very good	Very good

## Work experience

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<b>Company</b>	<b>International Corporation (Gaming and Lottery market)</b>
TIME	2022.08 - now
POSITION	Cloud Solution Architect
DUTIES	Supporting engineering teams and other architects in cloud migration; Projects areas: Data Science; Dispersed Systems; Microfrontend applications; Microservices.
<b>Company</b>	<b>Intive</b>
TIME	01.2014 – 2022.07
POSITION	Solution Architect; Technical Leader
DUTIES	Designing and implementation solutions, requirements analysis. Technical teams leading (including other architects), projects management, architecture designing.
<b>Company</b>	<b>FM World</b>
TIME	03.2013 – 12.2013
POSITION	Technical Team Leader; Architect
DUTIES	Design and implementation web and dispersed systems, databases, services, functionality analysis, technical consulting, analysis of integration with ERP, leading a technical team, project management (scrum methodology).
<b>Company</b>	<b>PGS Software S. A.</b>
TIME	12.2010 – 02.2013

POSITION	Software developer
DUTIES	Design and implementation web and dispersed systems, databases, services and windows applications, leading a technical team, project management (scrum methodology).
<b>Company</b>	<b>AUTOMATEC SP. Z O. O.</b>
TIME	01.2012 – 07.2012
POSITION	Software architect, consultant (overtime project)
DUTIES	Design and implementation windows services and applications for integration SAP EWM system with PLC, MES System, Tack & Trace (integration with PLC, industry cameras, Industry Printers etc.), project management.
<b>Company</b>	<b>Work as freelancer</b>
TIME	03.2009 – 12.2010
POSITION	Software developer
DUTIES	Design and implementation web dispersed and windows systems for few different customers.
<b>Company</b>	<b>NetMedia</b>
TIME	04.2008 – 07.2008
POSITION	Software developer
DUTIES	Implementation desktop and mobile applications

## Project experience

*The most recent projects are at the top of the table.*

*Some projects might have been developed simultaneously.*

<b>PROJECT</b>	<b>Lottery products cloud migration</b>
TIME	From August 2022 to now
POSITION	Consultant/Cloud Solution Architect
DESCRIPTION	As a member of software architecture team I'm supporting corporate strategy of migrating products from on-prem to the Azure Cloud as well as redesign the services from single tenant to multitenant.
<b>PROJECT</b>	<b>Internal FinOPS Platform</b>
TIME	3 months
ROLE	Consultant/Architect/Analysts
TECHNOLOGY	Azure, AWS, Snowflake, PowerBI, Data Factory, Azure Logic Apps, Azure Functions, .NET 7, Azure Storage
DESCRIPTION	Design and implementation MVP version of internal BI platform for FinOPS.
<b>PROJECT</b>	<b>Lottery BI Platform</b>

**TIME** 6 months  
**ROLE** Consultant/Cloud Architect  
**TECHNOLOGY** Azure, Java (spring boot), Angular, PostgreSQL, Snowflake, Python, Power Bi, Azure AD, Azure Network, Express Route  
**DESCRIPTION** Cloud migration of the BI functionalities for Lottery customers with re-architecting of Data Warehouse and BI, refactoring of ETL and lift and shift of user applications.

**PROJECT GIS & Map Platform**

**TIME** 5 years  
**ROLE** Senior Solution Architect, leader for 20+ tech people / different teams  
**TECHNOLOGY** .NET Framework, .Net Core, Azure, Power BI, Data Factory, Typescript, Angular, Docker, iOS, Android, Windows, GeoServer, GDAL, PostGIS, CosmosDB, DDD, microservices  
**DESCRIPTION** System for host GIS maps and support field work pipeline with external systems integration. Re-architecting from "big ball of mad" to **microservices**

**PROJECT Track & Trace application for medical industry**

**TIME** 24 months  
**ROLE** Architect/Technical Leader, leader for 6+ people  
**TECHNOLOGY** ASP.NET MVC, KnockoutJS, MS SQL Server, TypeScript, Power BI, SAP (BAPI), Microsoft Azure, XPath  
**DESCRIPTION** Application dedicated for reporting and tracking of processes in medical manufacturer companies.

**PROJECT Industry Track & Trace with serialization module**

**TIME** 12 months  
**ROLE** Architect/Program Manager  
**TECHNOLOGY** .NET Framework, MS SQL Server, TCP, MSMQ, WCF, NodeJS, IoT, XPath  
**DESCRIPTION** Track & Trace functionality of each single product item in manufacturing process with serialization module. System has been integrated with: PLC, Cognex scanners and cameras, Linx industry printers, external MES system.

**PROJECT Web Platform for Investment Market**

**TIME** 9 months  
**ROLE** Senior Software Developer/Architect  
**TECHNOLOGY** ASP.NET MVC, KnockoutJS, MS SQL Server, Microsoft Azure  
**DESCRIPTION** Platform dedicated for Investment market – dispersed system deployed to Windows Azure, consists: Web application, Database, Workers, WCF, Mobile App, Azure services: Service queue, email service etc.

**PROJECT Dynamics CRM implementation**

**TIME** 6 months  
**ROLE** Senior Software Developer/Architect

TECHNOLOGY Dynamics CRM, Dynamics CRM SDK, MS SQL Server, SCRUM  
DESCRIPTION Implementation and customization of Dynamics CRM platform for a client

**PROJECT PLC MES**

TIME 20 months

ROLE Architect/Technical Leader

TECHNOLOGY ASP.NET MVC, jQuery, PLC/HMI, MS SQL Server, Azure, HTML5/CSS3, Angular JS, IoT, XPath, MongoDB  
DESCRIPTION MES System dedicated for manufacturing companies – for archiving and analysing manufacturing data and devices parameters.

**PROJECT MLM Simulator**

TIME 4 months

ROLE Technical team leader/Architect

TECHNOLOGY HTML5, CSS3, JavaScript, JQuery, JIT, ASP MVC 4.0, C#, Entity Framework, SQL Server 2012  
DESCRIPTION Interactive simulator of MLM business with rich user interface in HTML5 (working on touch screens and offline as well). Project was successfully launched and is using by more than 100k users.

**PROJECT MLM Manager**

TIME 10 months

ROLE Technical team leader/Architect

TECHNOLOGY HTML5, CSS3, JavaScript, JQuery, ASP MVC 4.0, C#, SQL Server 2012, MSMQ, SignalR, WebSockets, Parallels, WCF, F#, Service Broker, SQL Dependency, Integration Services, XPath  
DESCRIPTION Dispersed system with rich user interface in HTML5, application will be using by corporate branches management team, call center consultants, storekeepers, business analytics etc. System consist of WEB Application, Databases and cluster of calculation workers (with replicable databases).

**PROJECT FM Network**

TIME 3 months

ROLE Technical team leader/Architect

TECHNOLOGY OAuth, ASP MVC 4.0, REST WCF, C#, JavaScript, SQL Server 2012  
DESCRIPTION Implementation of OAuth protocol used by different services for company customers.

**PROJECT Social Network Platform**

TIME 24 months

ROLE Technical team leader/Architect

TECHNOLOGY ASP MVC 2.0, WCF, JavaScript, JQuery, Amazon AWS, SQL Server 2008, Service Broker, Dynamo DB, AWS SMS., c#, XPath  
DESCRIPTION Social network platform designing for large traffic and high performance.

<b>PROJECT</b>	<b>Teleexpress Ltd (UK)</b>
TIME	6 months
ROLE	Software Developer
TECHNOLOGY	ASP.NET, JavaScript, JQuery, SQL Server 2005, c#
DESCRIPTION	Interactive television platform.

<b>PROJECT</b>	<b>The submission of content system</b>
TIME	6 months
ROLE	Software Developer
TECHNOLOGY	ASP.NET, JavaScript, JQuery, SQL Server 2008, Adobe Flex, XSLT, c++, c#
DESCRIPTION	The submission of content system for completing technical documentation with high quality images.

<b>PROJECT</b>	<b>Protetic4You / Stomatic4You / CRM4You</b>
TIME	6 months
ROLE	Software Developer
TECHNOLOGY	.NET, ASP.NET, c#, WinForms, WPF, WebServices
DESCRIPTION	Desktop system for support prosthetic labs and dental clinics.