

# Maciej Zagozda

LOCATION:  
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**Full stack, versatile software developer and experienced team leader**  
Software development: **web development using: ASP.NET, C#, TypeScript and T-SQL**  
Software management: **Agile (SCRUM, DSDM), Prince2, ITILv3**

## Experience

**SOFTWARE CONTRACTOR, ZAGOZDA LTD, VALETTA, MT (2011-2015)**

**CALAMATTA CUSHCHIERI** contractor (November 2014 – October 2015) I'm contracting for Malta's largest live trading platform provider as a development team leader for the Mobile Trader project. I've managed a small team of four developers and worked along a team with hands on C#, TypeScript development creating mobile version of the highly successful trading platform.

Core responsibilities:

- Project management and task management using the **Scrum** methodology
- Front-end development using **TypeScript, AngularJS** and **SignalR**
- Component development using **HTML5, CSS, SVG** technologies
- API development using **C#, ASP.NET MVC, WebAPI** and **Visual Studio 2013**
- Back-end development using **C#, Entity Framework** and **Microsoft SQL Server**

**ROCKET INTERNET** contractor (June 2014 – November 2014) I've contracted for three months for the Germany's largest e-commerce companies in Berlin as team leader for the Shop Core API project. I've managed a small team of three developers working on the API project with an objective of migrating a number of Rocket's companies from one version to an upgraded version of their core APIs. Upon successful transition the project was handed over to the permanent maintenance team.

Core responsibilities:

- Project management and task management using the **Scrum** methodology
- Creating development roadmaps, **migration plans** and reporting progress
- Hands on development of APIs in **PHP 5.3** conforming to the **REST** standards.
- Maintaining and development of large base of unit tests using **PHPUnit**

**EXEA** contractor (2013-2014) I've contracted as a team leader for the successful virtualisation provider in Poland - offering **IaaS, PaaS, and SaaS** services, including: dedicated servers, virtual servers, software services. I've been leading two developers and working with along one system architect. I was made responsible for setting up the right development process and quality assurance for the development team. The objective was to rewrite the main backend functionality, migrate it to the newest version of the .NET framework and the latest VmWare stack. Upon successful rewrite and migration, the project has been handed over to the full time staff at exea.pl. See LinkedIn recommendations.

Core responsibilities:

- Web development using **C#** (Visual Studio 2012) using ASP.NET MVC 2, upgraded to **.NET 4.0** and **ASP.NET MVC3**,
- Integration with full **VmWare** stack (**vCloud Director, vSphere, VmWare API**),
- Microsoft SQL Server development, deployment, including **T-SQL** development and optimisation for billing and reporting processes
- API development using C# (Visual Studio 2012), Windows Communication Foundation (**WCF**), **SOAP, XML, JSON**
- Implemented multiple front end features using **HTML, CSS, jQuery, jQuery UI**, along with a number of jQuery visual extensions, integrated multiple jQuery components with the backend using **AJAX** and **JSON**.
- Version control and release management using **Team Foundation Server**,
- Configuration of load balancing (**NLB**) and Internet Information Services (**IIS**)
- Provided support during migration from HT data centres to the native data centre by exea.pl
- Occasional CMS support and development, extending **MojoPortal** with custom extensions.

**IDOSELL BOOKING** contractor (2012-2013) I've been responsible for launching holiday rental business for Poland's most successful e-commerce companies. I took complete technical and product leadership leading to launching brand new and very innovative booking service for holiday rental market. I have led a small team of four developers within a newly formed division in the company, actively participated in successful due diligence process resulting in securing EU funding for the project.



ASP.NET Development with C# (70-315)



Designing and Implementing  
Databases with Microsoft SQL Server  
2000  
Enterprise Edition (70-229)



Developing XML Web Services and  
Server Components with Microsoft  
Visual C# .NET (70-320)



Sybase Adaptive Server Enterprise 15  
Optimisation and Tuning certificate

Core responsibilities:

- Writing **technical and functional specifications** for the business stakeholders and a team of four developers working within the company
- Daily management of development tasks and priorities: from morning stand-up meetings to performing regular **quality and code reviews**.
- Preparing documentation and supervision of the marketing content in order to internationalise the product and make it ready for both English and German markets.
- Version control and **release management** using **GIT**

**TASKBEAT** product owner. Since 2011 I've actively participated in raising funds, developing TaskBeat service. Project has been recognised as innovative and attracted funding from Credit Cooperatif, and a grant by the European Union. I have been personally responsible for managing the team of four developers and timely delivery of TaskBeat project stages to a specific dates agreed with investors. Apart of providing leadership and technical supervision of the project, I've designed and developed the first version of TaskBeat with another co-founder. Successfully hired four full time developers and handed over ongoing development to the permanent development team.

- Designed **user experience** for TaskBeat - web application for managing project portfolio and project accounting. I have designed the final version of the user interface (**Adobe Photoshop**), delegated **HTML/CSS** development to two other developers, since then implemented numerous front end optimisations and new features myself.
- Developed core functionality of the solution (**C# Visual Studio 2005**) and **ASP.NET WebForms** and **DeveloperExpress** framework, subsequently moved the code to **Visual Studio 2008, 2010, 2012**, transitioning the ASP.NET to **ASP.NET MVC 3**. Moved unit tests from **nUnit** to **MS-Test** framework. Used: **ReSharper, DotTrace**.
- Implemented multiple front end features using **HTML, CSS, jQuery, jQuery UI**, along with a number of jQuery visual extensions, integrated multiple jQuery components with the backend using **AJAX** and **JSON**.
- Set up the database server using **Microsoft SQL Server 2005** (subsequently upgraded to 2008) and developed **schema**, developed comprehensive set of **T-SQL** procedures using **repository** pattern (**ADO.NET**). Schema **versioning, performance** and **tuning** using **query plans** (using dbForge, Apex toolkits).
- Initial configuration of the **Windows Server 2003** environment and set up of the solution using I 6.0, subsequently migrated to **Windows Server 2008** and **IIS 7.0**.
- Implementation of multiple **IIS caching** levels and **SSL encryption** (GeoTrust certificates). Availability and server **performance analysis** (using NewRelic toolkit).
- **NoSQL** implementation of **Lucene.net** to handle **document-oriented data** and **full-text indexing** and **lexical analysis**
- Implemented **reporting** within the application using HTML, CSS and charting using **Google Charts**, in addition to other **JavaScript** charting and **PDF** reports.
- Implemented Telerik's **Sitefinity CMS** system for the TaskBeat.com website with some back end coding to support work of the front-end developers, subsequently moved to **WordPress**.
- Implemented a number of test environments using **Windows Server 2008** (web edition), along with self-hosted **Continuous Integration** Server (**TeamCity**), also moved **version control** server from hosted in the cloud (**Assembla**) to self-hosted server (using **VisualSVN** server).
- Worked with **SVN** version control for **branching** and **staging of code** (using **SmartSVN** toolkit), **code reviews** and **trunk merging** (for production).
- Worked with **InnoSetup** installation system for creating self-executable **application installers** for **continuous integration** and **continuous deployment** scenarios.
- I have **mentored team of developers** and managed the progress using our own adaptation of **SCRUM**. Initially used **Mantis** for **bug tracking**, subsequently moved to TaskBeat used as a bug tracking system and **sprint management** tool.

**PURE HOLIDAY HOMES** contractor (2011-2012) under management contract I've transitioned PureHolidayHomes development from England (Maidenhead) to Poland (Szczecin) and carried on with managing team of six new developers in Poland. Responsible for technical supervision, requirements specification, and software delivery. Actively participated in successful due diligence process within the company leading to a merger of PureHolidayHomes with Leisure Group (in 2012) and ongoing effort to integrate both companies on a technical level with hands on programming as a team leader.

Core responsibilities:

- Developing company's holiday lettings website (along with two other developers) using: **HTML, CSS** and **JavaScript** using pure **OOP** and **MVC** pattern implemented in **PHP 5** (using **PHPStorm** IDE) and a custom application framework, some front end JavaScript for managing search widgets and Amazon **ElasticCache** caching. Hosting in the Amazon Cloud: **EC2, RDS**.
- Developing complete back end data integration and search engine using **C#, WCF (Visual Studio 2010)**, **IOC** pattern using **StructureMap**, repository pattern and DTO to expose data

using **WebAPI**. Pulling data from various **data sources** along with a **search faceting** feature. The data server was delivered with a number of unit tests to validate computed search results automatically. Service hosted in-house on **Windows Server 2008** and pushes the data to the **Amazon Cloud**.

- **Database design** and development (using **RDS** version **T-SQL**) for manipulating user data and for caching search results on Amazon RDS in the cloud.
- Written a number of **specifications** documenting the search algorithms, search platform and holiday property owner and website visitor workflows on the website.
- Implemented code using various **data caching** layers (including **disk caching** and **memcached**).
- Version control using **GIT** (github.com) and using the **SmartGIT** application.
- Interviewing developers

## ANALYST DEVELOPER, FTSE, LONDON, UK (2008-2011)

- Analysis and development of real-time index calculation systems. Maintenance of the existing code using **Delphi 6** and transitioning the code to .NET using **Visual Studio 2008** and **C# 3**. Database development using **Sybase ASE 12** and **T-SQL**. **TDD (nUnit)**, code coverage analysis.
- Developing IndexSetup. Maintenance of the existing code using Object Pascal (Delphi 6) and transitioning the code to C# (Visual Studio 2008) using **WinForms**, unit testing (nUnit), compatibility tests (new code in C# vs old code base: Delphi).
- Developing IndexMigration toolkit - handling complex index events. Greenfield project using Visual Studio 2008 (C#, WinForms), **multi-threading**, **failure recovery**, T-SQL (Sybase ASE v12, v15). Very tight **data consistency** testing ensuring 100% correctness in pre-live environments.
- Analysis and development of end of day calculation systems using T-SQL and the Sybase Adaptive Server Enterprise. **SQL performance** analysis with SprocTester.
- Development of **complex reporting** using Visual Studio 2008 (C#), **Crystal Reports** Server and Sybase Adaptive Enterprise Server.
- Maintenance of internal company's **programming standards** (T-SQL). I was responsible for wiring corporate-wide guidelines on creating high performance of transactions in SQL environments (both **Sybase ASE** and **Microsoft SQL Server**).
- Involved in creating documentation, test scenarios, project meetings, progress updates of major projects in the company, like: Country Classification and the new ICB migration.
- Migration, minor development and maintenance of the ftse.com website CMS using JSP
- **Version control** using **CVS** and **SVN** using **Tortoise** and **SmartSVN**

## SOFTWARE DEVELOPER, IT PARTNERSHIP, LEAMINGTON SPA, UK (2005-2008)

Analysis and development of applications for a small house using various technologies (**C#**, **Delphi**, **PHP**, **HTML**, **CSS**, **Apache**, **IIS** and **MySQL**). Full application lifecycle management: engagement and project planning (agile methodologies), gathering requirements, estimating work, development, end-user training:

- Mondi Packaging UK: **Windows development** using **Borland Delphi** and **web development** using **PHP**. **IIS**, **Windows Services**, **XML** to in-memory database (**Sybase Advantage**)
- Air Technology UK: **Windows development** of a **real-time** system using **Borland Delphi** and **low-latency, in-memory database**. Application running low powered devices with XML export,
- Conference Search Ltd – native Windows **Smart Client** application (**Visual Studio 2005**, **MySQL 4**). Implemented **three-tier architecture** (Windows client, **HTTP services**, SQL database).
- Lead-in Research: **web application, back-end application**, search and data management, written in **PHP**, **HTML/CSS** using **WAMP** technology stack, hosted on **Windows Server** (IIS).
- TeleTraffic UK (and Ireland): developing for **Windows Mobile** in **C#** (**Visual Studio 2005**, **.NET CF 2.0**, **SQL Server Compact**). Integration with speed guns over: **serial** and **Bluetooth** interfaces.
- More **CMS** and **e-commerce** for: PMA UK • Energy Developments • Commonwealth Grave Commission • RAS Communications • TheContentsSafe Ltd

## SOFTWARE CONTRACTOR, INTELITECH, SZCZECIN, PL (1999-2006)

Managing small company and a team of 2-3 permanent employees

Software development • **Small business** management, **marketing** of **personal finance Windows** application (www.mefi.pl, not supported anymore) • User base in excess of 40K users (to date) • Delivery of **several online applications** for: insurance and real estate businesses using **PHP 3**, **HTML4/CSS** and **MySQL 3**

## IT SPECIALIST, NORDEA BANK, SZCZECIN, PL (2001-2003)

**Production support** in two branches, ongoing local maintenance of **Temenos Globus** system · Maintenance of Microsoft **Windows NT Server, local network** and **cash machine** infrastructure, **home banking** systems

## IT SPECIALIST, LG PETRO BANK, SZCZECIN, PL (2000-2001)

**Production support** in two branches, ongoing local maintenance of **TCS BaNCS** system · Maintenance of Microsoft **Windows NT server, local network** and **cash machine** infrastructure, **home banking** systems

## IT SPECIALIST, WORLD TRADE CENTER, SZCZECIN, PL (1998-2000)

Network and hardware support in local branch (part-time) · **web development, newsletter development (HTML3)** · Development of **multimedia** content CD-ROM distribution using **Macromedia Director/Flash**

## Skills

- Ability to manage software delivery by balancing **software functionality** with **technical requirements**
- Ability to manage agile teams using **scrum** methodologies, good knowledge of **PMBOK, Prince2**
- Ability to manage software maintenance using **ITILv3**, maintaining and migrating legacy systems
- Strong **communications & leadership skills** including a track record of being responsible for managing complete software projects, client relationships, leading design sessions, and conducting status meetings.
  
- Strong programming skills in **C#** with background in **ObjectPascal** and **PHP** and Strong **OOP, SOLID**
- Strong web development: using Microsoft **ASP.NET, JavaScript, TypeScript, AngularJS, JQuery**
- Strong service oriented architecture, programming using **WCF, REST, XML** and **JSON** services
- Strong **T-SQL** skills: either: **MS-SQL, Sybase ASE, MySQL optimisation** and **high availability**
- Very good understanding of **e-commerce systems**, specifically: shopping basket and service booking
- Very good understanding of **financial systems**, specifically trading equities, bonds, funds and ETFs
- Very good understanding of **virtualization**, specifically **VmWare** and **Amazon AWS** based services
- Good knowledge of **NoSQL** solutions, hands on experience with **Lucene.net**, some **MongoDB** basics
- Good knowledge of various **reporting** systems: **Crystal Reports, Fast Reports**, also **Google Charts**.
- Good knowledge of Microsoft Windows **server** systems, including: **Internet Information Services**
- Windows Development: **native Windows** applications: **Delphi** with: **VCL, DevExpress, Win32 API**
- Windows Development: **managed Windows** applications using: **WinForms, DevExpress, .NET (C#)**
- Operating knowledge of Linux server systems, including **Nginx, Apache** running on **Debian** or **Ubuntu**
- Interested in modern **web development** patterns, **emerging technologies**, specifically **data management, data searching** and **analysis** (using relational databases or document databases)
- Interested in designing **user-friendly** applications, **elegant UX, UI design** (either for web based applications or native applications: Windows or mobile) using consistent visual patterns.
- Ability to work independently and take ownership of my work.
- Interested in: descriptive Statistics, Microeconomics, Econometrics and mathematics.
- Ability to learn new business concepts quickly and thoroughly.
- Ability to closely manage the entire software development lifecycle, ensuring the client's business and timing requirement are met.

- 10+ years **Web Development** using AJAX, HTML/CSS (starting with HTML3 towards HTML5)
- 10+ years **Microsoft Visual Studio (C#)**, Microsoft **.NET, WinForms, ASP.NET (C#1 towards C#5)**
- 10+ years **Borland Developer Studio (Delphi)**, Windows NT/2K/XP/VS/7/8 (Win32),
- 6+ years **T-SQL: Sybase ASE, Microsoft SQL Server, MySQL, Amazon RDS**
- 4+ years **JavaScript** (using **JQuery** framework, some **TypeScript**)
- 4+ years **PHP** (starting with PHP3 towards PHP5)

- 4+ years Version Control Systems, including **CVS, SVN** (advanced), **GIT** (advanced), **TFS** (advanced)
- 4+ years Continuous Integration Systems, including: **Bamboo, TeamCity** (advanced), **TFS**
- 4+ years Project Management Systems, including **Microsoft Project, Atlassian Jira**
- 3+ years Virtualization Platforms, including **VmWare** (intermediate), **VirtualBox** (intermediate)
- 3+ years Web Servers, including **Nginx** (basics), **Apache** (basics), **Microsoft IIS** (intermediate)

## Certificates

- Microsoft Certified Application Developer (MCAD)  
<https://mcp.microsoft.com/Anonymous/Transcript/Validate> Transcript ID: 787037, Access code: 16FEB1981
- Microsoft Certified Professional: 70-315  
70-315 ASP.NET Development with C# (70-315)
- Microsoft Certified Professional: 70-320  
Developing XML Web Services and Server Components with Microsoft Visual C# .NET (70-320)
- Microsoft Certified Professional: 70-229  
Designing and Implementing Databases With Microsoft SQL Server 2000 Enterprise Edition (70-229)

• Sybase Adaptive Server Enterprise 15

Optimisation and Tuning Certificate (London, UK)

• ITILv3 Foundation Certificate

Training by ISEB, BSC (London, UK)

• PRINCE2 Foundation Certificate

CT Partners (Szczecin, UK)

• PMBOK Training (cert in progress)

CT Partners (Szczecin, UK)

• Microsoft Reporting Services training

Akademia IT (Szczecin, PL)

• Mentoring and coaching training

Technopark Pomerania (Szczecin, PL)

## Referrals

LinkedIn quotes

*"Maciej bought strong Delphi and software engineering skills to FTSE. Whilst at FTSE he began his path along the .NET road and picked it up very quickly becoming a very useful addition to the .NET skills in the team."* July 13, 2011

1<sup>st</sup> [Gavin Bennett](#), Head of Development, FTSE  
managed Maciej indirectly at FTSE

*"Maciej showed deep knowledge of .NET and Delphi technology and tools. He has tremendous energy and high organisational skills that allows him to undertake many projects and activities concurrently. He is passionate about making a lasting impact on whatever task he works on. He likes to discuss and exchange ideas and has insight and deep understanding of market trends. If you are looking for someone who can quickly understand your requirement and formulate a practical and robust solution then look no further."* June 30, 2012

1<sup>st</sup> [Marwan Zeineddine](#), Software Development, FTSE  
worked directly with Maciej at FTSE

*"Maciej has excellent analytical skills which transcend the immediate work area; these include economics, business, finance and social areas. His communication skills are excellent too; we're talking major European business languages here: German, English and his native Polish. On software, he can turn in some pretty neat code in C#, C++, Delphi, SQL and scripting languages with great knowledge of mobile communications technology and systems interfacing. In short, a tri-lingual business-orientated technical analyst and system/software designer; no challenge is too great nor insurmountable. Tenacity is a by-word."* June 28, 2011

1<sup>st</sup> [Karl Mabert](#), Developer/analyst deluxe, FTSE  
worked directly with Maciej at FTSE

*"Maciej is very hard working and delivery oriented. He has a good understanding of the business and is a great team player."* March 22, 2010

1<sup>st</sup> [Achala Gandhi](#), Test Analyst, FTSE Group, London  
worked directly with Maciej at FTSE

*"Maciej is an honest, intelligent, and very likeable person, as well as being an excellent analyst/programmer and SQL database administrator. He is self-motivated and hard working - an asset on any team."* March 30, 2011

1<sup>st</sup> [Neil Stainton](#), Development Manager, IT Partnership  
managed Maciej at IT Partnership (Leamington Spa)

*"Maciej was good employee with deep knowledge of Microsoft systems. He was responsible for Microsoft server and provide to business all services based on SLA"* December 9, 2010

1<sup>st</sup> [Dariusz Haska](#), Chief of Windows Administrator, Nordea Bank Polska  
was a consultant or contractor to Maciej at Nordea Bank Polska S.A. (Szczecin, Poland)

*"Competent, highly educated and qualified, very professional IT Specialist. 100% professional."* November 8, 2007

1<sup>st</sup> [Jaroslaw Stasiak](#), Network Administrator, LG Petro Bank S.A.  
worked directly with Maciej at LG Petro Bank S.A. (Szczecin, Poland)