

# Andrea Coluccio, PMP, MCSD, OCUP

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I am an highly skilled IT professional with **15 years' proven experience** in development, analysis and architecture on **.Net, C#** and the full **Microsoft technology stack**.

With a focus on back-end technologies (especially **WCF, EF, Linq, SQL Server**) and an emphasis on Cloud Computing PaaS (**Azure**), I am fully able to apply **OO, Design Patterns, TDD** and **SOLID principles**. On the front-end side I have good knowledge and experience on web technologies (**ASP.NET MVC**) as well as past experience on WinForms and recent exposure to WPF.

Strong interest and experience in Application Lifecycle Management, **Team Foundation Server** and Scrum and other **Agile methodologies** as well as experience as an **IT Project Manager**.

## Languages: English (fluent - IELTS level 7), Italian (native speaker)

More about myself: A good balance of creativity, rationality and analytical thinking enables me to develop innovative solutions that are feasible and effective. Technical expertise and strong management competencies mean I fully understand business variables and deliver best possible value. Likewise, as a bigger-picture thinker, I am able to understand technical implications while taking decisions.

## Areas of expertise

Subject	Experience	Certifications
<b>.Net/C# and Azure</b>	<b>15 years' experience as Analyst, Architect, Designer and Developer</b> for enterprises in Finance and Transportation (4 years on Azure)	<b>MCPD on .Net &amp; Azure</b> + 9 others, OCUP (OMG Certified UML Professional)
<b>Application Lifecycle Management</b>	7 years' experience in ALM projects based on <b>Team Foundation Server</b> with Clients in IT, Transportation, Mobile Commerce (including Alitalia, Capgemini, Neomobile). 4 years as Delivery Process Manager at Eidos (IT)	<b>MCSD: Application Lifecycle Management</b> , Professional Scrum Master, MSF Practitioner
<b>IT Project Management</b>	7 years' experience as <b>IT Project Manager</b> with large enterprises in Finance (Unicredit, BNL-BNP Paribas, Italease), Transportation (Alitalia), Engineering (Italferr)	<b>PMP</b> Project Management Professional

## Achievements

Company	Action	Result
Harrods <a href="http://harrods.com">harrods.com</a> (retail)	Introduced <b>TDD, DI and Telemetry</b> to a strategic project	Drammatically reduced the risk of missing deadlines and quality standards
Trenitalia <a href="http://trenitalia.com">trenitalia.com</a> (railway service provider)	Improved performance of mission-critical SW with <b>code optimization</b>	Reduced average response time under stress from 30 seconds to 3 seconds
Public service operator	<b>Troubleshooting</b> and problem solving of business-critical issues	Avoidance of a major business emergency, potential 6-figure losses and reputational damage
Neomobile <a href="http://neomobile.com">neomobile.com</a> (mobile commerce)	Migrated part of their SW base to the <b>Cloud (Windows Azure PaaS)</b>	Significantly reduced data centre overheads, improved service reliability
Alitalia <a href="http://alitalia.com">alitalia.com</a> (flagship airline)	Standardized their <b>ALM</b> processes and tools	Improved effectiveness and ability to respond to business needs
Unicredit, BNL-BNP Paribas + other top banks	<b>Successfully managed tens of software development projects</b>	
Banking, IT & Consulting including PwC <a href="http://pwc.com">pwc.com</a> , Almagiva <a href="http://almaviva.it">almaviva.it</a>	<b>Provided training services</b>	100% exam-pass rate bringing competitive advantages for their companies

## Skills

- Technology-related skills
- **C# / .NET** (15 years) - **especially WCF** (9 years), **ASP.NET MVC** (3 years), **Linq** (10 years), **EF** (6 years)
  - **OO** (15 years), **TDD** (6 years), **SOLID** (2 years), **IoC** (2 years)
  - **Azure PaaS** (5 years) including Cloud Services, Configuration, Azure Storage, Queue, Service Bus, Sql Azure
  - **SQL Server** (8 years) (design, development and administration)
  - **Microsoft Team Foundation Server** (10 years) - deployment, administration, customization, add-on development - including Lab & Test Management
  - **Ninject** (2 years), **Unity** (1 year), **Moq** (2 years), **SpecFlow** (1 year)
  - **Visual Studio** (10 years) ALM including Diagramming, Unit/CodedUI/Load Test, Mocking, Profiling
  - **UML2** (10 years) applied with Visual Studio, Visual-Paradigm and IBM/Rational products
  - Code maintainability and documentation, performance tuning
  - Web frontend (HTML5, CSS3, JQuery, knockoutJS) (3 years)
  - WPF (2 years) and WinForms (5 years)
  - **Willing to explore the following technologies:** .Net Core and Asp.Net Core, DocumentDB and MongoDB, Microservices Architecture and Azure Service Fabric, TypeScript, Bot Framework
- Management skills
- Project management (7 years) (especially scope, time, cost, quality, change, problem management)
  - ALM frameworks (7 years) such as Scrum, MSF (CMMI and Agile) and PMBOK

## Certifications

Top certifications	Title	Issuer
	<b>PMP - Project Management Professional</b>	Project Management Institute
	<b>MCPD on .Net 1.0, 2.0, 3.5, 4.0</b>	Microsoft
	<b>MCPD on Windows Azure (Charter Member)</b>	Microsoft
	<b>MCSD: Application Lifecycle Management</b>	Microsoft
	<b>Professional Scrum Master</b>	Scrum.org
	<b>MSF Practitioner</b>	Microsoft
	<b>OMG - Certified UML Professional</b>	Object Management Group
Other certifications	MCAD Microsoft Certified Application Developer, MCSD Microsoft Certified Solution Developer, MCDBA Microsoft Certified Database Administrator, MCSE Microsoft Certified Systems Engineer, MCSA Microsoft Certified Systems Administrator	

## Work experience

When	10/2015 – present
Company	Permanent at <b>Harrods Ltd</b> (London <a href="http://harrods.com">harrods.com</a> )
Role	<b>Solution Developer</b>
Activities performed	<p>Working on company's most strategic change project. Designing and writing back-end and integration software mainly based on <b>C#, WCF, Windows Services</b> and <b>SQL Server</b> with components running on <b>Azure</b>, telemetry based on <b>Application Insights</b>, extensive DACPAC projects, <b>Ninject</b> as DI framework and <b>Moq</b> as mocking framework.</p> <p>I apply <b>TDD</b> and <b>SOLID</b> on daily basis and am part of a <b>Scrum</b>-like team that relies on <b>TFS</b> for source control, branching, build, testing, requirement management, bug tracking and sprint/release planning. Because I work on software that interfaces with many enterprise systems such as Order Management, e-Commerce, CRM, I frequently interact with different internal and external stakeholders and I fully understand the organizational and technical complexity typical of the enterprise world.</p>
When	6/2014 – 9/2015
Company	Contractor for <b>Lynx spa</b> (IT company operating in Italy, Spain, Turkey <a href="http://lynxspa.com">lynxspa.com</a> )
Role	<b>Solution Architect</b>
Clients	<b>Almaviva</b> (large Italian IT company <a href="http://almaviva.it">almaviva.it</a> ), <b>Trenitalia</b> (railway company <a href="http://trenitalia.com">trenitalia.com</a> )
Activities performed	Worked on several <b>WCF/C#</b> based middleware and back-end software projects serving tens of thousands of train tickets vending machines, mobile devices and travel agencies. Particularly focused on

	software <b>architecture, development</b> , stress-test/ <b>performance tuning</b> , data contract design. During my typical working day I would <b>write code 50% of the time</b> and perform architectural advising, documentation, team leading and <b>Scrum Master</b> activities the remaining time.
When	6/2013 – 5/2014
Company	Self-employed
Role	<b>Independent .Net, Microsoft Azure and ALM Consultant and Trainer</b>
Clients	<b>Fast Lane</b> (global training provider <a href="http://flane.com">flane.com</a> ), <b>PwC</b> (business consulting <a href="http://pwc.com">pwc.com</a> ), <b>Toolkit Websites</b> (UK Web Agency <a href="http://toolkitwebsites.co.uk">toolkitwebsites.co.uk</a> ), <b>Double Consulting</b> (IT Consulting firm <a href="http://www.doubleconsulting.it">www.doubleconsulting.it</a> ), <b>IBL Banca</b> (bank <a href="http://iblbanca.it">iblbanca.it</a> ), <b>Almaviva</b> (large IT company <a href="http://almaviva.it">almaviva.it</a> ), <b>Accademia Informatica</b> (training <a href="http://accademiainformatica.com">accademiainformatica.com</a> ), <b>Olsa Informatica</b> (document management <a href="http://olsainformatica.com">olsainformatica.com</a> ), <b>HiveJobs</b> (Recruitment) <a href="http://hivejobs.com">hivejobs.com</a>
Activities performed	Worked as a Consultant and Trainer on the Microsoft technology stack including <b>.Net, Azure PaaS, ASP.NET MVC</b> , Team Foundation Server, Facebook API, Agile and Waterfall IT Project Management. 50% hands-on, 50% trainer/adviser. Provided IT recruitment services to an online recruitment company.
When	5/2011 – 5/2013
Company	Contractor for <b>Value Team / NTT Data</b> (Global IT Company <a href="http://www.nttdata.com">www.nttdata.com</a> )
Role	<b>ALM and Microsoft Azure Consultant</b>
Client	<b>Neomobile Group</b> (multinational company in mobile commerce <a href="http://neomobile.com">neomobile.com</a> )
Activities performed	Helped the client migrate part of their software base to <b>Microsoft Azure</b> , develop a mobile payment service based on Azure, implement automated test for their software. Worked on analysis and development of the company's <b>TFS based build and deployment system</b> and procedures.
When	11/2009 – 4/2011
Company	Contractor for <b>Nergal Consulting</b> (Italian IT consulting company <a href="http://nergalconsulting.it">nergalconsulting.it</a> )
Role	<b>ALM Consultant &amp; Team Leader</b>
Client	<b>Alitalia</b> (flagship airline <a href="http://alitalia.com">alitalia.com</a> )
Activities performed	Defined the company Application Lifecycle Management model based on MSF and implemented it with <b>MS Team Foundation Server (Build, Source Control, Work Item Tracking, Test and Lab Management)</b> . Provided internal training courses and architectural advice on SOA reengineering programs.
When	6/2002 – 12/2009
Company	<b>Eidos</b> (Italian IT company <a href="http://www.eidos.biz">www.eidos.biz</a> )
Role	<b>Project Manager, Solution Architect, Delivery Process Manager</b>
Clients	<b>Top European banks</b> including MCC/Unicredit <a href="http://unicredit.com">unicredit.com</a> , BNL/BNP Paribas <a href="http://www.bnl.it">www.bnl.it</a> Italferr (railway engineering <a href="http://www.italferr.it">www.italferr.it</a> ), <b>Capgemini</b> <a href="http://capgemini.com">capgemini.com</a> , Altadis Italia ( <b>Imperial Tobacco</b> <a href="http://www.imperial-tobacco.com">www.imperial-tobacco.com</a> ), <b>OLSA Informatica</b> (document management <a href="http://olsainformatica.com">olsainformatica.com</a> )
Activities performed	During my 7 years at Eidos I worked as a <b>Developer, Analyst, Architect and Project Manager</b> on tens of software developments and maintenance projects based on the <b>Microsoft technology stack</b> . From 2005 I worked as a Delivery Process Manager in charge of the company's <b>Application Lifecycle Management</b> procedures and tools.
When	1/2000 - 6/2002
Company	Technology Architect & System Engineer at Servizi Innovativi (small Italian software house <a href="http://www.innovativi.eu">www.innovativi.eu</a> )

## Education, training and memberships

Training courses	<ul style="list-style-type: none"> <li>• Attended multiple training courses held by Microsoft, Mondadori Informatica, SDA Bocconi, EIDOS, IBM, Microsys, Pipeline, Global Knowledge and others.</li> <li>• Oversea study abroad experiences (UK and US).</li> </ul>
Education	<ul style="list-style-type: none"> <li>• Scientific high school</li> </ul>
Memberships	<ul style="list-style-type: none"> <li>• Project Management Institute - United Kingdom Chapter and Rome Italy Chapter</li> </ul>

## Contact details

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