



R&D / Development / Training

90, bis rue de Fougères - 35700 RENNES  
SIRET: 51980660800013 – TVA: FR15519806608 – APE : 6201Z

Michaël LEBRETON

90 bis rue de Fougères  
35700 RENNES

French, 10/01/72 in Nantes  
Freelance since 1992

Mobile phone : +33 6 35 96 03 01  
Skype : mlebretton.fr  
Email : mlebretton@netkoders.com



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Ce CV est disponible en Français.

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Profile :

- Architect (specialized in business applications solutions).
- Developer.
- Trainer.

Geographical area :

- On site:
  - France, England, Ireland, Belgium, Switzerland.
- Part-time teleworking :
  - 8 years of experience in remote working (Equipment and licenses at my disposal).

Specialization and current trend:

- 25 years of experience in development and training.
- 16 years of experience in Microsoft.Net
- 16 years of experience in Microsoft ASP.Net (MVC and previously WebForm).
- 8 years of experience with Umbraco (V4-V7).
- 9 years of experience in WPF (also Silverlight).
- 4 years of experience in development Xamarin Forms.

Interest for projects concerned by :

- IOC / AOP / UI Injection.
- ASP.Net MVC.
- Azure.
- MVVM (WPF / Silverlight / Xamarin).
- Advanced control development (WPF / Silverlight / Xamarin).
- Low coupling architectures / Modular and distributed architectures.
- Multithread programming / Parallel programming.

Languages:

- French + English (Not perfect but : technical conversation + technical writing).

*I'm looking for technical challenges. I willingly extended my geographical area to be able to select interesting projects. Please, take this point in consideration before contacting me.*

# TECHNOLOGICAL UNIVERSE

★ = Competence Level ☆ = Interest level

## Languages / Frameworks / Tools

● Microsoft Visual Studio (2015) 2013 -2005	★★★★★ ★★★★★
● Microsoft Expression Bend	★★★★★ ★★★★★
● C# (6) 5 - 2	★★★★★ ★★★★★
● Microsoft .Net Framework (4.6) 5 / 4.6 / 4.5 / 4.0 / 3.5 / 3. / 2.0	★★★★★ ★★★★★
● Silverlight 5 - 1	★★★★★
● ASP.NET MVC (Next) 5 – 4 – 3	★★★★★ ★★★★★
● Microsoft Linq	★★★★★ ★★★★★
● REST / WCF	★★★★★ ★★★★★
● Microsoft Message Queuing	★★★★★ ★★★★★
● WF	★★★★★ ★★★★★
● Unity Application Block	★★★★★ ★★★★★
● MEF	★★★★★ ★★★★★

## Programming pattern

● OOP	★★★★★ ★★★★★
● MVC	★★★★★ ★★★★★
● MVVM	★★★★★ ★★★★★
● AOP	★★★★★ ★★★★★
● Business	★★★★★ ★★★★★
● Multithread programing / Parallel / async	★★★★★ ★★★★★

## CMS et co.

● Umbraco	★★★★★ ★★★★★
● N2	★★★★★

## Various

● Multi-Touch programing	★★★★★ ★★★★★
● ActiveX / Automation	★★★★★ ★
● COM (Component Object Model) / DCOM (Distributed COM) / COM+	★★★★★ ★
● VoIP and Asterisk programing	★★★★★ ★★★★★
● Office programing	★★★★★ ★★★★★

## Web technologies

● Microsoft Silverlight 5 - 1	★★★★★
● ASP.NET MVC6 – 5 – 4 – 3	★★★★★ ★★★★★
● HTML5 / CSS3 / JavaScript	★★★★★ ★★★★★
● Angular JS / JQuery	★★★★★ ★★★★★
● Angular 4	★★★★★
● XML / XSL	★★★★★ ★★★★★
● REST / WCF	★★★★★ ★★★★★
● Développement Sharepoint 2013	★★★★★
● IIS	★★★★★ ★★★★★

## Cloud

● Microsoft Azure	★★★★★ ★★★★★
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## Database/ Reporting and associated technologies

● Microsoft SQL Server 2012 / 2008 / 2005 / T-SQL	★★★★★ ★★★★★
● ODBC / OLE DB / ADO / ADO.NET	★★★★★ ★★★★★
● Crystal Reports Microsoft Report	★★★★★ ★★★★★
● Crystal Reports Server	★★★★★ ★

## Visual Studio extensibility

● Addin / Package	★★★★★ ★★★★★
● Templates / Generators	★★★★★ ★★★★★
● Assistants	★★★★★ ★★★★★
● Designers	★★★★★ ★★★★★
● DSL	★★★★★ ★★★★★

## Other languages (for information)

● Borland Delphi 3 / 4 / 5 / 7	
● Visual Basic 4 / 5 / 6 / VBA	
● C++ / Machine language	

# *I'm a trainer*

*(LIST OF MY AVAILABLE TRAININGS)*

<http://www.netkoders.com/formations/catalogue/>

***Please, contact me for details and courses' outline.***

# CUSTOMERS

- ADA Location
- ADAPEI
- ATER
- Avis Location France
- Armatis
- Bull
- Casino
- Consortium Quatre
- CTEASY
- EDL
- EuroDisney
- France24
- G7
- LearningTree International
- Locatel
- Mc Kesson
- Moulin Roty
- Numilog (Hachette group)
- Peugeot
- ServeBox
- SNCF
- Sodexo
- Thomson multimédia
- Trescal
- Xerox
- ...

# EXPERIENCE

This is not an exhaustive list. Are not listed : 1) some brief missions (audits / trainings / ...). 2) too old missions or missions no longer fitting with my current choices.

<b>Activity counters</b>			
Over the last 12 months	Training counter	Audit counter	Development counter
WPF / MVVM	1↓	1↓	0↓
Xamarin.Forms	1↓	1↓	0↓
ASP.Net MVC	8↑	10↑	12↑
WCF			1↓
HTML5/CSS3/Angular JS			12↑
Parallèle programming	2↑	3↑	3↑
IOC	10↑	8↑	12↑
Umbraco	2↑	2↑	5↑

## 2015/2017 24 months CTEASY (recurrent)

- Project management
- Development: Web Site / Frontoffice / Backoffice / CMS / DB
- Scraper development

### **Key technologies used:**

- C# / ASP.NET MVC 5
- Umbraco 7 CMS
- HTML5 / CSS3 / LESS / Angular
- SQL Server 12
- Azure

## 2015/2016 Xerox Business France

- Application audit.
- Technical Lead.
- Training.

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**Key technologies used:**

- MVVM / C#
- WPF / Silverlight.

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**2015/05-06** 2 months**Sodexo**

- Application audit (Version 1).
- Architect / Technical lead (Version 2).
- Xamarin Forms + MVVM.
- Framework development (IOC / MVVM) / Low coupling architecture / Multi-threading on VM (Free from UI Thread) [this version was similar to the ITGA one].
- MVVM generation tool development (T4) for advanced MVVM scenarios.
- Developers training.

**Key technologies used:**

- C#.
- Xamarin Forms.
- Xaml.
- .Net parallel programming.
- Visual Studio 2013.
- Maximus (proprietary tool for powerful and multipurpose generation).
- WebServices.

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**2015/04** 1 month**CIIS**

- Developers training (WPF / MVVM).
- Framework development (IOC / MVVM).
- MVVM generation tool development (T4) for advanced MVVM scenarios.

**Key technologies used:**

- C#.
- WPF
- Xaml.
- Visual Studio 2013.
- EntityFramework.

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**2015/03** 1 month**ITGA**

- Application audit (Version 1).
- Architect / Technical lead (Version 2).
- WPF + MVVM.
- Framework development (IOC / MVVM) / Low coupling architecture / Multi-threading on VM (Free from UI Thread).
- MVVM generation tool development (T4) for advanced MVVM scenarios.
- Developers training.

**Key technologies used:**

- C#.
- Xamarin Forms.
- Xaml.
- Visual Studio 2013.
- Maximus (proprietary tool for powerful and multipurpose generation).
- EntityFramework.

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**2014/2015** June to February**WTBTS (Brookline)**

- International management application (more than 2000 tables of data).
- WPF / MVVM implementation.
- Complex control development (WPF) [to achieve the UX choices].

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**Key technologies used:**

- C#.
- WPF / Xaml.
- Visual Studio 2013.
- Caliburn Micro (Customer choice).
- Service Stack.

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**2014**

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**Occasional interventions over the year**

- Some Web Sites developments.
- Umbraco
- ASP.NET MVC
- Azure

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**2013/2014****6 months**

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**Netcoders / EDL : Projet R&D**

- R&D : Design and development of a business Framework (something like « ASP.NET MVVM » / No plugin / 100% server).
- Advanced MVVM Patterns.
- XAML UIs (Similar to Silverlight/WPF). No need of any HTML to create business applications. More efficient than Ajax.
- Advanced Data binding.
- Every HTML/Javascript control can be integrated.
- Modular architecture / IOC.
- Transparent multithread architecture.
- Distributed architecture.
- Application states / Rights / VM states / UI injection / ...
- Load Balancing.

The business applications developed with this Framework can run in no-Web contexts : thin client / thick client, plateforms : Windows / Linux / Mac / Android / iOS.

**Key technologies used:**

- DotNet / C# (Advanced notions).
- ASP.NET MVC.
- HTML5/CSS3/Javascript.
- XAML.
- .Net parallel programming.
- Linq.
- Encryption / Compression.
- JQuery.
- Android / IOS.
- Linux.

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**2013****1 month**

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**CCRO**

- Housing management for building teams.
- Activity scheduling.
- Reports generation.

**Key technologies used:**

- DotNet / C#.
- ASP.NET MVC.
- HTML5/CSS3/Javascript.
- JQuery.
- Linq.
- SQL Server 2012.
- WCF / REST.
- Microsoft Report
- SQL Server

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- PDF.

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**2013**

3 mois

**ALCTJP**

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- Real estate management application (Britany scale : 7000 addresses).
- Google Maps API integration.
- Geographical maps (KML)
- Automatic localization via Google Maps API.
- IGN interfacing.
- SMS interfacing.
- Android interfacing.
- Automatic map builder (IGN + annotations).
- Stats.
- Reports.

**Key technologies used:**

- DotNet / C#.
  - ASP.NET MVC.
  - HTML5/CSS3/Javascript.
  - JQuery.
  - Linq.
  - SQL Server 2012.
  - WCF / REST.
  - Google Maps.
  - Android.
  - Microsoft Report
  - SQL Server
  - PDF.
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**2010-2013**

3,5 years

**EDL**

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- Design and development of an MVVM Framework MVVM matching EDL business needs.
- 100% MVVM (Compatible with Silverlight, WPF).
- Modular architecture (client and server side).
- Low coupling architecture.
- Distributed architecture.
- Test architecture.
- No IIS dependency (multi host, WinForm, WPF, ASP, Service NT)
- Design and development of advanced UI components.

**Key technologies used:**

- DotNet / C#.
  - Silverlight.
  - WPF.
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**2010**

1 month

**France24 Télévision / FreeTouch**

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- Design and development of a presentation tool in Silverlight.
- Modular architecture.
- Design and development of advanced UI components.

**Key technologies used:**

- DotNet / C#.
  - Silverlight.
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**2010**

6 months

**Numilog (Groupe Hachette)**

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- Work on Silverlight Numilog (see Activity 2009)
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- Work on security, authentication, user data management.
  - Multi-Touch Implementation.
  - Work on performance.
  - Work on the Silverlight 4 upgrade.
  - Work on changes of MVVM model in order to use the new features introduced by Silverlight 4.
  - Development of mechanisms for the dynamic customizing of the reader.
  - Development of a back Office dedicated to customizing of the reader (ASP.NET MVC / JQUERY).

**Key technologies used:**

- DotNet / C#.
- Silverlight.
- ASP.NET MVC.
- HTML5/CSS3/Javascript.
- JQuery.

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**2009**

1 months

**McKesson**

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- Design and development of a POC for SketchFlow et Silverlight adoption.
- 100 developers.
- Design of an MVVM Framework.
- Modular architecture (plugins).
- Business architecture.
- Integration of existing architecture.
- Integration of many services.
- Development of a Silverlight Host + stub for COM / DCOM / Printing...

**Key technologies used:**

- DotNet / C#.
- Silverlight 3
- Unity
- MVVM
- AOP / PostSharp

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**2009**

7 months

**Numilog (Groupe Hachette)**

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- Design and development of a book reader in Silverlight 3 with complex business rules via a ASP.Net Server.
- Reading modes : full / partial / two pages / continuous / zoom / thumbnail / carousel / ...
- Order process (for electronic or paper version).
- Social networks.
- Search features.
- Modular architecture (plugins).
- MVVM / AOP.
- Services development.
- Rights management (Automatic UI adaptation).
- Encrypted protocol.
- Ticket based authentication.
- Silverlight controls and behaviors.

**Key technologies used:**

- DotNet / C#.
  - Silverlight 2 puis 3
  - Silverlight ToolKit
  - Document ToolKit
  - ASP.NET
  - Sql Serveur 2008
  - Linq
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- Cryptographie
- Compression
- Unity Application Block

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2008/2009

11 months

Armatix

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- Design and development of a statistic management application with high level calculations and complex business rules.
- Business architecture.
- Development of a business server.
- Development of a Silverlight client.
- Development of de controls : an advanced Grid and an Excel like Grid.
- Development of an expression builder.

**Key technologies used:**

- DotNet / C#.
- Silverlight 2
- ASP.NET
- WebServices
- Sql Serveur 2005
- Linq

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2008

6 months

Avis Location France

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- Framework adaptation to match Avis needs.
- ASP.NET control development : Scheduler.
- Ajax control development.
- Development of an optimization system for the management of the VIP cars.
- ASP.NET application to optimize the management of penalties.
- ASP.NET application for document management.
- Database modeling.
- Procs stock.
- Webservices.
- Training of all the developers.

**Key technologies used:**

- DotNet / C#.
- ASP.NET 2.0
- ASP.NET 3.5
- WebServices
- DHTML
- Ajax
- Sql Serveur 2005
- Linq

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2007

2 months

For internal needs

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- Desing and development of an e-Learning software.

**Key technologies used:**

- DotNet / C#.
- WebServices
- HTTPS
- Video + Streaming
- Peer2Peer

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2007

4 months

Trescal

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- Desing and development of an advanced report management application (Crystal Reports) / It work as a sort of CMS.

- Rights management.
- Report publication.
- Generation scheduler.
- Generation versioning.

**Key technologies used:**

- DotNet / C#.
  - ASP.NET 2.0
  - DHTML
  - Ajax
  - Crystal Reports XI
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2006

4 months

For internal needs

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- Conversion of a business framework in Delphi in C# / .Net

**Key technologies used:**

- DotNet / C#.
  - ASP.NET 2.0
  - DHTML
  - Ajax
  - WebServices
  - SMTP
  - HTTPS
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2002/2003

1 year

Client : Moulin Roty

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- Design and development of a business management application.
- Stored procedures.

**Key technologies used:**

- Delphi
  - Interbase.
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2000/2001

1,5 year

Consortium Quatre / LesHypotheques.com / 3617 HYPO / ATER

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- Development of an entire management solution for 'hypothécaire' request made via a "Minitel" and / or a Web site.
- Development of the business.
- Development of the back-office (Intranet IE + Remote Scripting).
- Development of the website (ASP).
- Development of an X25 server.
- Development of a "Minitel" server based on XML pages (web architecture).

**Key technologies used:**

- Delphi
  - ASP
  - Remote Scripting
  - TCPIP / X25 / Socket
  - Interbase
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1999

1 year

Locatel

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- Development of a management application for luxury hotels and other collective.

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- Provision of services through numerous television (800) in the rooms via a web-based architecture.
  - Remote control of the TVs via a modem designed by Locatel (Development of the software part)
  - Web Farm for interactivity (linux) (Development of the software part).
  - Steering PABX.
  - Control and distribution of gaming consoles between rooms.

**Key technologies used:**

- Delphi
- ASP
- Remote Scripting
- TCPIP / Socket
- DCOM / MTS
- SQL Serveur

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Before

I forgot the details 😊

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