



fredmauroy.net

36C rue des Jardinets
B-6860 Assenois

+32 491 52 21 63

contact@mauroy.eu

ABOUT ME

I have worked with the .net framework since 2003, mainly with C#. Before that, I used C and C++, VBScript, Basic...

SKILLS

Development

C#, VB.Net	
ASP.Net, MVC 5	
jQuery, Bootstrap	
ADO.Net, EF	
Xamarin, Cordova	

Technologies

.Net framework	
SQL	
DotNetNuke	
Design Patterns	
Azure	

Languages

French	
English	

Frédéric MAUROY

.Net developer & architect

EXPERIENCE

(Oct. 2018 – May 2023)

SENIOR ARCHITECT

Wizata S.A.

Using Azure IoT and related services, I designed the backend of the Wizata platform for building and managing a digital representation of an industrial line, collecting data from sensors, exposing it to machine learning tools and integrating the results into actionable insights. Also implemented bespoke solutions for customer connectivity requirements;

Technology used: C#, .Net Core, WebAPI, IoT + Event Hubs, Azure Digital Twins, Azure SQL Server, Azure Storage and Data Lake, Azure Databricks, Azure Timeseries Insights, SignalR, OAuth2, InfluxDB, Docker, Azure IoT Edge, Amazon Web Services, Google Cloud Platform, Python, Big Query, industrial protocols (OPC UA/DA, Siemens S7, ModBus...), MQTT;

(Jan. 2017 – Oct. 2018)

LEAD / ARCHITECT

Telindus S.A. (through C-Services)

Maintenance of custom ERP based on nopCommerce, improvements to cloud applications for user management and helpdesk ticketing, mentoring, code reviews, design of new applications.

Technology used: C#, ASP.Net MVC 5, ADSI, nopCommerce, VB.Net, SQL Server.

(Jul. 2016 – Dec. 2017)

SENIOR DEVELOPER

AXA Insurances (through FDLV)

Maintenance of legacy applications in VBScript and Silverlight; Implementation of an export tool for synchronizing health contracts with an external partner.

Technology used: C#, VBScript, VB6, SQL Server, Oracle, Silverlight.

(Sept. 2015 – Jul. 2016)

SENIOR DEVELOPER

Editus S.A.

Maintenance and improvement of Editus web sites, mentoring of younger colleagues, code reviews. Implementation of a recommendation system using Azure ML services.

Technology used: C#, MVC 5, SQL Server, WCF, Azure;

(Feb. 2015 – Aug. 2015)

SENIOR DEVELOPER

Adeo S.A. - Mercator

Implementation and customization of the Mercator ERP for customers;

Technology used: C#, Mercator ERP, SQL Server, WinForms.

(Sept. 2005 – Feb. 2015)

SENIOR DEVELOPER

Cobalt eMedia Solutions S.A.

Maintenance of the "mySchool!" portal at the Ministry of Education (Plumtree Portal), migration to DotNetNuke and re-implementation of custom developments to DNN. Improvements of the registration portal at the Language Institute of Luxembourg.
Creation of websites and mobile application using Xamarin & PhoneGap.

Technology used: C#, VB.Net, SQL Server, DotNetNuke, Plumtree Portal, Xamarin, Cordova/PhoneGap;

(March 1999 – Aug. 2005)

DEVELOPER

DEC / Compaq / HP

My main project was "mySchool!" with the Ministry of Education in Luxembourg, built with Plumtree Portal and the implementation of various improvements and custom-made widgets, first in ASP (VBScript) and then ASP.Net WebForms from 2003. Also implemented Plumtree at Ferrero. Before that, I worked for the "Banque Internationale in Luxembourg" (BIL) on a custom solution for email archiving, as well as on "Compaq Work Expeditor" (workflow system based on Exchange) for various customers in Belgium.

Technology used: C#, VB.Net, SQL Server, Plumtree Portal, VBScript, ASP, ASP.Net, ADSI, Exchange, ADO, CDO;

(July 1996 – Feb. 1999)

DEVELOPER

Générale de Banque, Brussels

I have participated in the automated deployment of Windows NT 4 for all branches, making tools in C and batch. I then moved to the infrastructure team to work on a middleware platform between NT servers and IBM mainframe, made in C++;

Technology used: C, C++, SQL Server 6.5, SNA Server, Win32 multithreading, Microsoft Foundation Classes.

EDUCATION

(Sept. 1993 – June 1996)

BACHELOR IN INFORMATION TECHNOLOGIES

IESN (now Henallux)

I got my degree with distinction, and learned C, C++, COBOL, Assembler 370, mathematics, Meurise, accounting;

Self-taught programming in 1986 with CPM Basic on Schneider CPC464. Geek ever since.

CERTIFICATIONS

I'm a Microsoft Certified Professional and have the following certifications:

- Microsoft Azure Solutions Architect Expert (2021)
- Programming with C# (2015)
- MS Dynamics 3.0 customization (2006)
- MCAD on .Net: Web services and applications with .Net (2004)
- Exchange 2000 Academy (Compaq) + MFC (1998)

For more information and the latest details, please consult my website:

<https://fredmauroy.net>