COBALT
eMedia Solutions

Frédéric MAUROY

Professional Profile

Consultant/Developer

Cobalt eMedia Solutions
http://www.cobalt.lu

Strengths

- ✓ Attracted to new technologies
- ✓ Adaptable
- ✓ Quality-minded

Skills

- ✓ Developer of Web solutions, inside or outside of portals
- ✓ Scripting abilities in messaging and directory
- ✓ Web development in ASP and .Net
- ✓ SQL
- ✓ Mobile technologies
- ✓ System prog. in C
- ✓ Photography

Certifications

- ✓ MCAD C# (Nov. 2004)
- ✓ MCSD C# / MCP
- ✓ CRM 3.0 customization
- ✓ ITIL

Spoken Languages

- ✓ French (native speaker)
- ✓ English (fluent)
- ✓ Dutch (basic)

Married, one child

http://fredericmauroy.com

Last Update: *November 11, 2013*

Frédéric is a motivated developer, keen to learn new technologies and liking complete and polished solutions.

Education:

1993 - 1996
Institut d'Enseignement Supérieur de Namur (IESN) – now Haute Ecole de Namur
Computer Sciences - graduated with distinction

Technical Knowledge:

Portal and Web technologies
Expertise in DotNetNuke, Plumtree portal and related technologies: web services, content and document management, collaboration, single sign-on, etc.
Advanced and practical skills in web technologies, including HTTP, HTML, JavaScript, jQuery, JSON, REST, XML, XSLT, WSDL, SOAP, SSL etc.
More than ten years of practical experience in developing gadgets in ASP and ASP.Net: portal administrative tools, document publishing helpers, AD integration tools, connectivity checks, content management (user-editable HTML content), content aggregation, SMS interface, Terminal Services integration, and others to come...

.NET
Expertise in .NET Microsoft framework, related technologies, languages and platforms, including ASP.NET, ADO.NET, C#, VB.Net, XML Web Services, etc.

Mobile
Practical experience in development of mobile application using PhoneGap and Xamarin.

Database
Advanced and practical skills in SQL databases, their design and implementation. MS SQL, SQLite (mobile).

Microsoft CRM
Customization of CRM forms and workflow add-ons.

Messaging/Directory
Advanced and practical skills in directory manipulation with LDAP/ADSI and handling of messages in Exchange 5.5/2000.

Photography
Self-teached photographer. Visit my portfolio at:
http://photos.mauroy.eu

2001 – now:

Ministère de l'Education Nationale (Luxembourg) – Educational Portal with *Plumtree* 4.0, 4.5, 5.0, 6.0 & 6.5 (http://www.myschool.lu/) and *DotNetNuke*

Role: Developer / integrator

Activities:

- Installation and configuration of the portal environment with *Plumtree* (now *Oracle WebCenter User Interaction*).
- Development of applications integrated into the portal with ASP.Net: SmartContentServer (home-made CMS usable by administrators, teachers and students alike), SmartMailer (allows easy creation of emails using a web interface + handling of custom distribution lists), SmartNavigator (easy configuration of dynamic portal navigation)…
- Maintenance of the system (Windows web servers - IIS, SQL Server databases, Windows Clustering, Windows Network Load Balancing…), evolution between versions…
- Second-level support (portal and system-related issues).
- Active Directory maintenance with scripts and .Net home-made tools.
- Exchange Server maintenance (distribution lists handling, mail filtering with SMTP Event Sinks, applications to generate newsletters and manage subscriptions…)
- Implementation of future portal platform based on DotNetNuke / Evoq Content (plus development of custom modules and skins).

2005-2008:

Partnership with Nerea Luxembourg.

Role: Developer / integrator

Activity:

Customization of the Microsoft CRM 3.0 platform for different Nerea customers.

2004-2005:

EFSA (European Food Safety Administration) – Plumtree Corporate Portal 5.0.

Role: Developer / integrator

Activity:

Installation and customization of the Plumtree portal. Additional developments for application integration (ASP .Net).

2003:

FERRERO (Italy) – Plumtree Corporate Portal 4.5 start-up

Role: Developer / integrator

Activity:

Installation and customization of the Plumtree portal. Additional developments for application integration (ASP 3.0).

2002 - 2004:

Axima (Belgium) – Plumtree Corporate Portal 4.5 & 5.0 + intranet collaboration tools

Role: Developer / integrator

Activity:

Installation and configuration of the portal environment with Plumtree. Development of applications integrated into the portal with ASP.Net (VB.Net).

2000 – 2005:

FERRERO (Luxembourg) – Plumtree Corporate Portal for (B2E & B2B)

Role: Developer / integrator

Activity:

Installation and customization of the Plumtree portal. Additional developments for application integration (ASP 3.0 and ASP.Net). Maintenance of the system, evolution between versions.

2000:

Dexia (Luxembourg) – eReports distribution

Role: Developer

Activity:

Development of scripts to handle the distribution and filtering of messages between Exchange mailboxes and public folders (Windows Script Host on Windows 2000).

1996 - 1999:

Générale de Banque (Belgium)

Role: Developer

Activity:

System developments under NT 4: services, automated installation procedures…
Mainframe-PC information transfer: development in C with RPC/SNA.

Frédéric MAUROY — Employers

2005 – now: Cobalt eMedia Solutions (LU) – http://cobalt.lu

2000 – 2005: Hewlett Packard (LU) - http://www.hp.com

1999 – 2000: Digital / Compaq (Bruxelles) - http://www.compaq.com

1996 – 1999: Générale de Banque (Bruxelles), now Fortis BNP Paribas

Competencies

Web : ASP, ASP.Net, C#, VB.Net
jQuery, JSON, SOAP, REST, WebAPI, AJAX
XML, XSL, XSLT, CSS, HTML5

Portals: Plumtree Corporate Portal -> BEA Aqualogic Portal -> Oracle WebCenter
IBuySpy -> DotNetNuke -> dnn
Installation, configuration, maintenance and customization of the portal +
development of modules and portlets. Troubleshooting and 2nd level support

WinForms: Development of custom application using WinForms and console apps.

Mobile: Design and implementation of mobile applications on iOS and Android using
PhoneGap and Xamarin

Networking: TCP/IP networks configuration and troubleshooting

SQL: Design and implementation of SQL databases on SQL Server 200 to 2012

OS: Installation and configuration of Windows clients and servers, clustering of
Windows resources, Network Load Balancing, remote access protocols (RDP,
VPN…)

Exchange: Installation and configuration, scripting using CDO/ADO, development of
SMTP modules

Hardware: PC assembly and maintenance, server upgrades, NAS/SAN configuration

Frédéric MAUROY   Bio

Born in 1974, I bought my first computer in 1986, an Amstrad CPC 464. With it, I discovered Basic and it was an immediate love affair with programming and computing in general.
I studied science and math at high school, and went to Namur to pursue an undergraduate in IT (Graduat en Informatique de Gestion) where I succeeded easily.
In the middle of the last of the 3 years of the curriculum, I got contacted by an IT recruiting firm and took part in an exam in order to have a contract if I indeed get my diploma at the end the year. We were 160 in the room and only 8 got selected. This is how I got my first job at *Générale de Banque* in Brussels.
There, I learned to integrate a small team, and had to build scripts in order to automate the installation of Windows NT on thousands of PCs destined to be placed in the bank's branches. I then got picked by another team, where I have been able to make good use of my C knowledge. We made several developments used to ease the transfer of information between the bank's IBM mainframe and the newer network of Windows servers. Last time I talked to my then manager, my code is still running untouched since I left.
At the bank, I got to meet a bunch of consultants from DEC (Digital Equipment Corporation) at the time it was acquired by Compaq. As Compaq wanted to leverage the IT consulting assets of Digital, several openings were created and I was referred by one of my colleagues.
I worked for Compaq for a year in Brussels, mainly around Exchange and workflow applications (like Compaq Work Expeditor) and received a 3-months mission in Luxembourg to help the team there with their Dexia-BIL project. As my work was appreciated, they asked me if I wanted to join them, which I did in the beginning of 2000.
After finishing the mission for BIL, where it was mainly development of tools with VBScript, I started a new endeavour around web technologies. At the beginning, we used Microsoft ASP, which was also using VBScript, and when the dotNet framework arrived in Beta, we jumped ship to concentrate on that much improved platform. I worked mainly around the enterprise portal solution made by Plumtree, which was at the time the leader in the segment. I had to install the product, configure it, upgrade it, troubleshoot it as well as develop portlets for missing functionalities and integration of customer applications. My 2 customers for this solution were Ferrero and the Ministry of National Education (MEN).
After 5 years, I decided to leave HP to join an old-time friend who was running Cobalt eMedia Solutions (http://cobalt.lu). There, I learned to develop mobile applications, web sites, and continued to work for MEN on their educational portal (http://myschool.lu).
The Plumtree portal got bought by BEA, and subsequently by Oracle, but stopped receiving the focus it had when it was the sole purpose of its birth company. The product slowly declined, until the only solution proposed by Oracle was to migrate to their own portal, which was completely different and incompatible, as well as very expensive. This is where I suggested to use another solution, DotNetNuke, which is available as a free community edition and a still reasonable professional edition. This product started its live as a CMS, but received many improvements for hosting several sites, making it close to a portal. The transition between the 2 portals is still going on, as many things need to be remade for the new system, but the platform is much more user-friendly than the old one, follows the latest trends in web design, and for the intended target, students and teachers, is much more pleasant to use.