

PATRICE LE VEXIER

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SENIOR SOFTWARE DEVELOPER

Strong development aptitude, skills, commitment, and experience. More than twelve years of design, coding and testing with different languages with strong emphasis on:

- Object oriented development
- Database development on SQL Server
- Middleware, *n*-tier, and client-server
- Microsoft .NET 2.0 & 3.5.
- Expertise in DotNetNuke, portal and module development.
- Internet marketing and search engine optimization.

SUMMARY OF QUALIFICATIONS

Languages:	C#, VB.NET, Java, XML, HTML.
API:	.NET Framework 2.0 and 3.x (WPF/XBAP, ASP.NET), J2SE and J2EE.
Methodology:	OOP, UML, Design Patterns, XP.
Operating Systems:	Windows (XP, 2000, NT, 9x), Linux.
Databases:	SQL Server 2005, Broker, Reporting. ADO.NET, JDBC.
Network:	TCP/IP.
IDE:	VS 2005 & 2008, Idea 4.5, Eclipse.
Miscellaneous:	Internet marketing & SEO. Building Automation, Expert MOM, Financial engineering, Neural networks.

WORK EXPERIENCE

Freelance Software Developer.

Since January 2009

Since January 2009 I work as freelance developer.

The main project I worked on:

- Designed and developed a QuickBooks backend for a company providing payment management as software as service.
- Designed database schema and stored procedure on SQL Server 2005.
- Developed the front-end using DotNetNuke and custom modules.

Environment: Windows 2003, .NET Framework 2.0, SQL Server 2005, DotNetNuke 4.09, QuickBooks and QBSDK.

CTech, Fort Lauderdale, FL.

January 2006 – December 2008

Lead Software architect and Enterprise application developer for a company providing Building automation services.

Lead Software/Architect

Designed, developed an enterprise solution for building management. This software is used at the University of North Carolina to manage their 150+ buildings.

- Managed a team of 5 developers, 2 based in India and 3 on site.
- Database architecture, stored procedure, extended procedure, Broker, Notification services, Reporting on SQL Server 2005.
- Middle tier design and development, strongly multithreaded application used to get point's values. The middle tier is able to pool 150 buildings and manage more than 30 000 points.
- Front-tier design and development using WPF and XBAP consisting of real time scalable graphics used to monitor and command controllers.
- Developed Obix driver (ver.1).

Environment: Windows 2003 Server 64bits, Visual Studio 2005 with .NET 2.0 and .NET 3.5, SQL Server 2005, building automation.

MT, Miami, FL.

June – Dec. 2005

Software Development Company providing interoperability solutions between .NET and Java.

Software Architect/Engineer

Designed, developed and maintained a C# client for JMS Server. This software is used in large scale system where interoperability between Java and .NET is necessary.

- Leading role in the development of AMQ4NET software, a JMS client for the .NET platform.
- Developed the core of the product, unit-testing code with NUnit.
- Documentation and support.

Environment: Windows 2k, .Net Framework 1.1, ActiveMQ 3.0, multi-threaded programming, network programming with both Java and C#.

GBS, Miami, FL.

Dec. 2003 – June 2005

Software Development Company providing IT consulting services.

Software Architect/Engineer

Designed, developed and maintained VB.Net and C# applications around accounting for a large financial client in the Miami area.

- Development of a financial suite tools based on QuickBooks 2004.
- Development of a solution for importing and exporting data from Proclose.
- Development of a .NET library for ACH, using C#.
- Unit-Testing with NUnit, support.
- Network administration on Linux RH9, firewall with IPTables, mail server with QMail, and DNS.

Environment: Windows 2k, .Net Framework 1.1, Linux, QuickBooks, Proclose, Crystal Report, ACH.

Hera Interactive, Paris, France.

Jan. 2002 – Aug. 2003

International financial company providing consulting on financial markets.

Software Engineer as Contractor.

Designed and developed EasyChart, a client server solution for stock technical analysis. This software is used in stock marketplace by traders to analyze, and make recommendations about stock market.

- Development of the front applet (Java 2) to display chart, trends and indicators.
- Designed and developed back-end logic using EJB (session, CMP 2.0 and servlet) using JBoss v3.
- Integration of GLTrade real-time data feed API.
- Tests and support.

Environment: Java 2, Windows 2000, SQL Server 2000, Jboss 3.1, IE 6.0 with Plug-in Java 1.4.1.

Gosmart, Marseille, France.

Jan. 2000 – Dec. 2002

Start-up providing solutions around smart card and security.

Security Consultant.

- Network security and web authentication with smart card, GemSAFE products specialist.
- Certification authority deployment for very large organizations.
- VPN deployment in large Lan and Wan.
- Design and development of smart card solutions using Java and C++.

Environment: smart card, PKI, Windows 2k, Java, C++.**Marfret, Marseille, France.**

Feb. 1998 – Jan. 2000

International container shipping company.

Network and System Administrator.

Network and system administration based in the head office in Marseille.

- Administration of Lan/wan (200 workstations), with proxy, Web server (IIS), Firewall (Checkpoint).
- Designed and developed various client-server software for data synchronisation between different remote sites.
- Software tests and validation.

Environment: NT4, SQL Server 7, Java, VB6, RMI, CORBA, C/C++.**Miditest, Marseille, France.**

June 1996 – Dec. 1997

Miditest is a company providing non-destructive controls for large industries.

C/C++ Developer.

Developed an application for a robot to retrieve and store measurement done on a pipeline for petrochemical industry.

- Development of the interface.
- Development of the acquisition module, retrieving data from the serial port.

Environment: Windows 3.1, C/C++.**EDUCATION****Conservatoire national des arts et métiers (CNAM)** (Master of computer science). 1999
Graduate engineering school, Aix-en-Provence, France. Graduated on Network and multimedia.**MISCELLANEOUS**

Native speaker in French. Fluent in both Spanish and English.