

# PATRICE LE VEXIER

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## SENIOR SOFTWARE DEVELOPER

More than fifteen years of design and development on different platforms and frameworks with strong emphasis on:

- Web and Application development with Nodejs.
- Web and application development on .NET Framework 4
- Web and application development on Python 2.x
- Client side development with HTML 5, CSS, JavaScript and jQuery.
- Database development with SQL Server, MySQL and some Mongo
- Linux administration and some development in C.
- Microcontroller development on PIC and Atmel in C

## SUMMARY OF QUALIFICATIONS

<b>Languages:</b>	Node.js, C#, Python 2.x, C, XML, HTML/CSS and JavaScript
<b>Operating Systems:</b>	Linux, Windows and Mac OS
<b>Databases:</b>	SQL Server 2012, MySQL, MongoDB, Reporting. Entity Framework
<b>Network:</b>	TCP/IP.
<b>Miscellaneous:</b>	Building Automation, Financial software, Microcontrollers.

## WORK EXPERIENCE

### **Governor.io**

November 2014 - Present

Back-end development on Governor.io CMS.

Environment: Node.js. Express.js, MongoDB, Windows Azure, Amazon AWS.

### **PLVConsulting, Miami, FL.**

January 2009 – October 2014

Founder. Software Development company specialized in software and web development.

The main projects I worked on:

- Web development using ASP.NET and ASP.NET MVC 4
- Client side development using HTML5/CSS, JavaScript and jQuery
- Database development on SQL Server, MySQL and MongoDB
- Application Development using Python 2.x with some Django
- Application Development on NodeJs 0.10x
- Microcontroller development on Microchip PIC and Atmel SAMx series.

### **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 in one of the largest university in USA.

- Manage a remote 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.
- Developed Obix driver (ver.1) in C#.

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.