

ERIC BENOIT

Senior Analyst Developer

Analyst Developer building software and Web applications since more than 9 years, looking for an opportunity combining analysis, development, administration and project management. Self-learner with an **INTP** personality type and up-to-date with Open Source technologies. Driven by an entrepreneurial spirit to find solutions to complex problems, known for his analytical sense, versatility and skilful in all phases of software development.

contact@ericbenoit.com

(514) 322-3686

Montreal, QC

Experience

Web Development Consultant, freelance

Montreal, QC

June 2007 – Now

- » Designed, developed and deployed Ruby on Rails dynamic Web applications (front and back-end), with special attention to security, performance and unit/fonctional testing
- » Created portfolios for artists using Wordpress, with dynamic interfaces (jQuery), analytics monitoring (Google Analytics) and SEO
- » Integrated external Web Services and APIs like Google, Etsy and Twitter
- » *Technologies used: AJAX, Capistrano, cron, CSS, DOM, Git, Google Analytics, HTML, jQuery, JSON, Linux, Mongrel, MySQL, Passenger, Photoshop, Ruby on Rails, Wordpress, XML.*

PLM Consultant Developer, for **Processia Solutions**

Laval, QC & International

2004 – June 2007

Renault F1 Team (2.5 year in UK), **Roche Syntex** (6 months in Mexico), **Nova Bus** (6 months in Quebec)

- » Audited heads of departments in order to understand their enterprise business processes and needs for collaboration
- » Analyzed and wrote technical and fonctional analysis documents, proposing innovative solutions for information management software to be developed/deployed and their integration with existing ones on customers' sites
- » Developed a Web Services API and J2EE Web portal to interconnect existing information systems and offer a portable interface to access the information. This helped to increase engineers' mobility using a laptop and Intranet connection (as opposed to a big old Unix Workstation)
- » Built a unit/fonctional tests suite, executed automatically and regularly to insure the reliability of our software development team's code
- » Implemented and personalized a J2EE BPM portal to improve collaboration processes between departments, accelerate information flow and computerize data input forms
- » Advised companies during software deployments and created legacy data migration scripts for databases and CAD files
- » Trained administrators, managers and users on their new systems in specially prepared training rooms
- » Gained invaluable experience (and two Formula 1 World Championships!) in an hyper competitive industry, where technical innovation is crucial and development cycles as quick as a race lap
- » *Technologies used: Ant, C++, Hibernate, Java, junit, Maven, Oracle, PL/SQL, PostgreSQL, shell scripts, Smarteam, SOAP, Struts, SVN, Teamworks, Tomcat, Unix, VBScript, VPM, Web services, Windows, XML, XSL.*

PLM Developer

Montreal, QC

September 2002 – 2003

Mecanica Solutions

- » Analyzed the needs of Mecachrome and wrote a 100 pages fonctional specification document for a new Smarteam PDM solution, personalized according to their specific business needs
- » Led the development and qualification of a 2 months project at Bombardier

Transport, adding new custom functionalities to their VPM product data management system

- » Personalized and gave presale demonstrations of PDM software.

Main C++ Developer

Ile des Soeurs, QC
2001

Gemplus

- » Developed a largely distributed tool for the installation and diagnostic of smart card sub-system and Windows drivers
- » Led the qualification through QA tests on all Windows platforms
- » *Technologies used: Visual Studio, Windows, multithreading, MFC graphics.*

Main C++ Developer

Montreal, QC
1999 – 2000

CANMET Energy Technology Centre (Natural Resources Canada)

- » Led the development of DABO, a software tool for fault detection and diagnosis of buildings CVC system, using artificial intelligence techniques to gather data and detect problems in real-time
- » Helped the team win the Energia 2000 R&D award for this revolutionary experimental project, which later attracted the interest of several other organizations.

Education

Bachelor in Computer Science and Management, with co-op internships

Sherbrooke, QC
1997 – 2000

Sherbrooke University

Technique in Computer Science, with summer internship

Longueuil, QC
1994 – 1997

Edouard-Montpetit College

- » Won the first place of the mandatory final project, chosen by the customer. The competition included 10 teams of 4 students with the objective to computerize an existing Montreal Judo club's management using Visual Basic.

Skills

Languages: C++, Java, JavaScript, PHP (little), Ruby, SQL

Web Standards: AJAX, BPEL, CSS, HTML, JSON, REST, SOAP, XML, XSLT

Frameworks and CMS: J2EE, Ruby on Rails, Wordpress

Databases: Hibernate, MySql, Oracle, PostgreSQL

IDE and Tools: Visual Studio, Eclipse, Textmate, Vim, Apache, Tomcat, Git, CVS, Jira

OS: Windows, MacOS X, Linux, Unix

Dassault Systems: Smarteam, VPM, CATIA V5

Languages

French: excellent

English spoken: very good, written: excellent

Interests

Digital photography, music, acoustic guitar and Internet strategy/SEO.