

Résumé
Guillaume Coté
Expert Programmer / Architect J2EE
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SUMMARY

Guillaume Coté has twelve years experience in IT, mostly in Java/J2EE. He has been working as a consultant since 2000, first in Paris and since 2006 in Montréal. He likes to alternate positions as developer, architect or mentor.

He worked in banks, finance, insurance, editions, e-commerce and telecoms. He has experience in web application and rich client (swing), front-end and back-end. He is excellent to profile and optimize code and to solve memory leak issues.

Quality of his work is important to him. He exchanges with his colleagues on best practices and he knows how to make a proposition when needed. He has introduced several teams to design patterns and agile methodology.

He is recognized by his former colleagues for his productivity, especially when working in parallel on several projects. He can work with minimal supervision. He is rigorous regarding what he delivers.

SCHOOLING

Bachelor in computer engineering from the Université de Sherbrooke (Canada) in 1998

TECHNICAL GRID

Languages :	Java (11 years), C++, Ruby, Perl, Pascal, PHP, UML
Servers :	Weblogic, Websphere, Jboss, Tomcat, Apache
Frameworks :	Spring, Hibernate, Struts
Libraries :	J2EE , EJB, Servlet, JSP, JDBC, JMS, JNI, JUnit, Swing, Multi-threading
XML :	SAX, DOM, DTD, Schema, XSL, XLST, XSL-FO, FOP
WebServices :	SOAP, WSDL, Axis, Jax WS, Metro, Rest
SQL :	Oracle, Sybase, DB2, Microsoft SQL Server, MySQL, Progress SQL
Tools :	Ant, Maven, CruiseControl, Hudson, Bugzilla, Jira, FozBugz
Versions System :	Perforce, Clearcase, SVN, CVS
Web :	Html, XHTML, CSS, Javascript, CGI
Operating systems :	Windows NT, XP, Unix, Linux, Solaris, HP-UX, AIX, MacOS
Methodologies :	Agile, Scrum, Extreme Programming

WORK EXPERIENCE

Centre d'expertise en santé de Sherbrooke

May and June 2010
Sherbrooke (Québec)

Groovy programming on an application for managing of people in loss autonomy

- Conceived and programmed browser-based version of paper form

Technical background : Groovy – Tomcat – Apache – Hibernate – Grails – Webflow – Gant – Hudson – SVN – JasperReports – Html – CSS – Javascript – Windows 7 – Linux

Telus/Aeroplan

October 2009 to March 2010
Montréal (Québec)

Java programming on Aeroplan website and its automated tests

- Conceived and programmed browser-based automated testing framework
- Automated tests that were done manually by the QA team
- Adapted a continuous integration framework to make a web interface to allow the QA team to launch tests and see their results
- Programmed web pages transforming XML from the CMS with XSLT
- Set-up a javascript automated test framework and programmed unit tests
- Programmed unit tests for XSLT pages

Technical background : Java – Tomcat – Apache – Struts – JSP – XML – XSLT – YAML – JSON – Ant – Hudson – SVN – jsTestDriver – Selenium – Html – CSS – Javascript – Windows XP – Linux

Methodology : Scrum

Reader's Digest

February 2008 to April 2009
Montréal (Québec)

Java programming on international websites of content, customer care and sweepstakes for several dozen countries in many languages

- Studied architecture needs and made a recommendation for a payment application
- Programmed a content synchronizer between two sites
- Programmed the connection to payment gateways from the customer care application
- Programmed a local parameter management system
- Programmed corrections, evolutions and localizations to international websites

Technical background : Java – Tomcat – Apache – Spring – Hibernate – Struts – JSP – Struts Tiles – Spring Webflow – XML – YAML – Webservice – SOAP – WSDL – Axis – Jax-WS – Metro – Microsoft SQL Server – Teamsite – Html – CSS – Javascript – UML – Windows XP – Solaris

4363507 Canada inc.

December 2007 to January 2008
Montréal (Québec)

Start-up

Ruby programming on a travel search engine

- Conceived and programmed a meta model with Active record
- Programmed web pages with Rails
- Conceived and programmed a web crawler for hotels and restaurants

Technical background : Ruby – UML – Rails – XML – MySQL – Oracle – FozBugz – HBase – Lucene – Solr – SVN – Linux

ACECOMM

A telecommunication multinational (40 employees in Montréal)

Java programming for a policy enforcement tool for a cell phone network

July 2007 to August 2007

Montréal (Québec)

- Programmed a database synchronization process

Technical background : Java – UML – Tomcat – Spring – Hibernate – JUnit – XML – Rest – MySQL – Oracle – Ant – Maven – Jira – SVN – DbUnit – Windows XP – Linux

IOU Central

Start-up

J2EE architect on a peer-to-peer lending application

April 2007 to June 2007

Montréal (Québec)

- Studied different topics for the conception of an architecture for a financial application of peer to peer lending
- Programmed a prototype for the new architecture
- Set up a coding guideline and a guideline for a versioning system (CVS)
- Wrote a project plan and weekly project reports

Technical background : Java – UML – JBoss – Spring – Hibernate – JUnit – XML – Oracle – MySQL – Ant – Jira – CVS – Windows XP – Linux

Rona

Java programming on the main website and the dealer website

September 2006 to March 2007

Boucherville (Québec)

- Set up a guideline for a versioning system (CVS)
- Studied the replacement of an e-commerce tool
- Maintained the B2C website

Technical background : Java – Websphere – JSP – XML – CVS – JProfiler – Websphere Commerce – Windows XP

Société Générale

Bank (3000 branches in France - 163 000 employees worldwide)

Expert Java, resource person for 80 projects on web interfaces

February 2005 to August 2006

Île-de-France

- Answered programmer's questions according to architecture and programming norms
- Studied dispensation request and, when needed, prepared the rationale that will be used by my 2nd level superior with his peers and his superiors
- Reviewed the code on web aspects before each application was moved to production
- Programmed a jsp tag library used by a dozen projects and maintained its specifications along with a team of another branch
- Measured bandwidth usage of applications and analysed HTTP exchanges
- Studied different topics
- Revised the norms for web applications
- Conceived and programmed a log retrieval application

Technical background : Java – UML – Weblogic – Websphere – Tomcat – JSP – Taglib – JUnit – JMock – XML – Ant – Clearcase – Windows XP

BNP Paribas Assurance

5th bank in the world

November 2004 to January 2005

Île-de-France

Java expert, supporting a dozen web application projects

Technical background : Java – Weblogic – Tomcat – Struts – JDO – XML – Oracle – Ant – Jira – CVS – Windows NT

AGF-AM

Asset manager in administration of 65 billion euros

July to October 2004

Île-de-France

Java programming on an application calculating commissions for brokers of mutual funds

Technical background : Java – Weblogic – EJB – Swing – XML – Sybase – Maven – CVS – Windows NT

Methodology : Extreme programming

M.A.I.F.

Insurance company with 2,6 million members

February to July 2004

Niort (France)

Java expert on the framework that will be used by more than a hundred of developer for the next decade

- Designed and programmed a framework for the company
- Designed and programmed a Java code generator creating data objects and access classes for Tuxedo service from a XML description
- Wrote the framework user guide
- Presented the framework to programmer teams
- Mentored Cobol programmers learning Java
- Set up a coding guideline and programming norms

Technical background : Java – UML – Weblogic – Tuxedo – EJB – Servlet – XML – XSLT – Ant – CVS – Windows NT – AIX – Linux

Njaro

Start-up

October to December 2003

Île-de-France

Java programming of an application for the management of suggestions in big businesses

Technical background : Java – JBoss – Struts – EJB – Jdbc – JSP – XML – MySQL – Ant – CVS – XDoclet – Linux

Experian/Bilan Service

Financial information provider with 16 000 employees supporting 65 countries

April 2002 to June 2003

Île-de-France

J2EE architect for an application of balance sheets management with several interfaces and many batch

- Defined the software architecture and wrote its description in the reply to the invitation to tenders
- Met the client to define the functional specifications according to his needs
- Wrote the technical specifications and presented the architecture to the developers
- Assisted the project leader regarding relations with team supervision and project management
- Set up unit tests (JUnit) and continuous integration (CruiseControl)

Technical background : Java – UML – Weblogic – Apache – EJB – JSP – Jdbc – JMS – Swing – JUnit – XML – XSLT – FOP – Oracle – Ant – CruiseControl – CVS – W4 – XDoclet – Windows NT – Linux – HPUX

Experian/Banque Delubac

Financial information provider with 16 000 employees supporting 65 countries
Java expert mentoring a team of developers with little experience in Java

November 2001 to February 2002
Île-de-France

- Mentored programmers in analysis and design and in Java development
- Introduced programmers to design patterns
- Set up a coding guideline and the use of a version system (CVS)

Technical background : Java – UML – JBoss – Tomcat – Apache – EJB – JSP – Jdbc – XML – Ant – CVS – Linux – Windows NT

Robeco

Bank having 1% of French deposits
Java expert mentoring a team of developers with little experience in Java

June 2001 to October 2001
Île-de-France

- Mentored programmers in analysis and design (with UML) and in Java development
- Programmed a framework
- Set up a coding guideline

Technical background : Java – UML – Websphere – Jdbc – Oracle – Windows 98

Connectsuite

Start-up
Java programming on a customizable intranet web application

February 2001 to May 2001
Île-de-France

Technical background : Java – Apache – Jdbc – CVS – Optimize it – Linux – Windows NT

Sema Group

IT Consulting
C++ and Java programming on the client web site of the bank Neuflyze, Schlumberger, Mallet, Demarchy (NSMD), an institution with an average deposit by customer of several million euros

May 2000 to January 2001
Île-de-France

- Programmed Java and Corba (C++ with ORBIX) components connecting to BridgeFeed servers (real time stock market data) and calculating the value of a portfolio
- Programmed Java components using a C library (with JNI) to connect to a TUXEDO server for stock market orders

Technical background : Java – Perl – BroadVision One-To-One – Orbix – Jdbc – JNI – Corba – Oracle – BridgeFeed – Unix – Windows 98

Sobrio

Start-up
Java programming on a version tracking tool oriented toward multimedia

September 1998 to April 2000
Sherbrooke

Technical background : Java – UML – Javahelp – Javamail – Swing – XML – Perforce – JProbe – Optimize IT – Windows NT – Unix – MacOS 8

Université de Sherbrooke

Teaching of the Operating Systems course to students in computer engineering

August to December 1999
Sherbrooke

Macadamian Technologies

Start-up

May to August 1998

Ottawa

Java programming on a web publishing system (internship)

Technical background : Java – ASP (VB Script) – UML – JavaBeans – Servlet – Microsoft SQL Server – Windows NT

Footprint

I.B.M. subsidiary specialized in banking software

September to December 1997

Toronto

Java programming on a call center system (internship)

Technical background : Java – Perl – UML – XML – JavaBeans – Windows NT

Ericsson

Provider of cell phone networks in 175 countries

January to April and September to December 1996

Montréal

C++ programming on graphical user interfaces for cellphone networks (internship)

Technical background : C++ – Perl – Motif – UIM/X – Clearcase – Purify – Quantify – Unix – Windows NT

MISCELLANEOUS

Member of IEEE and of Sceptiques du Québec

Québec traditional dance and call

My web page (in French) : <http://www.TZoNE.ORG/~gcote/>

The latest version of this résumé is available in English and French at:

<http://www.TZoNE.ORG/~gcote/cv/>