

Frederic Daoud | Software Developer

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PERSONAL INFORMATION

- Born in Montreal; Canadian citizen
- Excellent spoken and written communication skills, in English and French
- Incorporated in August 2000 as Javelot Inc.

HIGHLIGHTS

- 14 years of experience in Java; JEE 6, J2EE, J2SE, Servlets, JSP, and related technologies
- Author of 2 books: *Stripes ...and Java Web Development is Fun Again*, The Pragmatic Programmers, 2008, ISBN 978-1934356-210, 396 pp. and *Getting Started With Apache Click*, 2010, 150 pp.
- Web application development specialist, with many different frameworks
- Experience in each phase: requirements gathering from the client, specifications, design, prototyping, implementation, refactoring, unit and functional tests, documentation, and maintenance
- Contracts in telecommunications, banking/financial, hydroelectricity/energy, transactional web sites
- Passionate about software development, best practices, agile methods, and leading-edge technologies

TECHNICAL KNOWLEDGE

- Programming languages: Java, Ruby, Groovy, Clojure; have learned some PHP and Adobe Flex
- Frameworks: Stripes, Spring MVC, Swing, EJB, Guice, Struts 2, JSF 2, Grails, Rails, GWT, Wicket
- JavaScript/AJAX: jQuery, Prototype, YUI, Dojo, DWR
- Templating: JSP, FreeMarker, Velocity, Facelets, HTML, CSS, XML, XSLT, JSON
- Persistence: JPA, Hibernate, iBATIS, SimpleORM, SQL, JDBC, MySQL, Oracle, DB2
- Application servers: WebSphere Application Server (WAS), WebLogic, Tomcat, Jetty, Resin
- Architecture: OO, MVC, AOP, SOA / Web Services, UML
- Development tools: Linux, CVS, SVN (Subversion), Eclipse, IBM RAD/WAS (Rational/WebSphere Application Developer/Server), NetBeans, VIM, Ant, Maven, JUnit, TestNG, Selenium

EDUCATION, SCHOLARSHIPS AND AWARDS

- 1996: Bachelor of Computer Engineering at McGill University
- 1992: DCS in Pure and Applied Sciences at CEGEP St-Jean-sur-Richelieu
- Canada Scholarship, and McGill J.W. McConnell Entrance Scholarship
- CEGEP Excellence Award; Governor General's Medal: Finalist, CEGEP; Winner, High School

CERTIFICATIONS

- 2011: SpringSource Certified Spring Professional
- 2006: AJAX Programming Online Course
- 2003: Sun Microsystems Java Web Component Developer Certification (SCWCD)
- 1999: Sun Microsystems Java Developer Certification (SCJD)
- 1998: Sun Microsystems Java Programmer Certification (SCJP)

OTHER PUBLICATIONS

- 2010: <http://www.fdaoud.com/rayures.html>, *Rayures: making Stripes even more enjoyable*
- 2009: <http://www.pragprog.com/magazines>, *Stretching Stripes: One Parameter, Endless Possibilities*
- 2008: http://www.theserverside.com/news/thread.tss?thread_id=52232, *A Stripes 1.5 Test Drive*
- 2008: <http://www.pragprog.com/podcasts/show/20>, *Fred Daoud on Stripes (Podcast)*
- 2002: *Java Developer's Journal*, *Adding Commands to Displayables - The OO Way*

WORK EXPERIENCE

2010/12-2012/06 (planned): Modernizing Medicine Inc.

- **Web application for doctors with Stripes and YUI**
- Emphasis on intuitive and powerful user interface design
- Use of JavaScript, JSON, Spring, iText, Apache Cayenne, MySQL, Subversion, Selenium, Ant

2010/10-2011/02: ClearPebble Inc. (part time)

- **Social networking web application with Groovy/Grails**
- Use of Google Maps API, Facebook API, jQuery, PrettyPhoto, Spring Web Flow, MySQL

2009/03-2010/12: VISA Desjardins

- **Applications: Several web and fat client applications for internal users**
- New feature requests, maintenance, and migrations to upgraded web server and database versions
- Use of WebSphere, IBM RAD (Rational Application Developer), WSAD/WAS (WebSphere), Swing, DWR, Spring, Struts, Hibernate, iBATIS, Subversion

2010/08-2010/10: Chenelière Éducation (part time)

- **Applications: animated demonstrations of physics and chemistry principles**
- Change requests to Java Swing and Java 2D applications.

2010/01-2010/03: Exit41 (part time)

- **Web Application: online ordering service for restaurants**
- Added new features to make the web application's user interface more dynamic and responsive
- Use of JBoss, jQuery, AJAX, JSON, Apache Click, IBM ClearCase, Microsoft SQL Server

2007-2008: Corporation Datacom Wireless

- **Web Application: Real-time fleet management with GPS**
- Clients track vehicles on a map, produce HTML and Excel reports
- Use of Stripes, Ajax, jQuery, JSF, Groovy, Hibernate, JSP, HTML, CSS, Swing / JApplet, Resin, CVS

2006: SITA (Société Internationale de Télécommunications Aéronautiques)

- **Web Application: Single Sign-On (SSO)**
- Synchronization of login to multiple web applications via a single point of entry
- Use of Struts, Tiles, Spring, SOA / Web Services, Axis2, ClearTrust

2004-2006: Hydro-Québec

- **Web Application: Electricity production data input and reporting**
- Operators throughout Quebec input readings, managers produce reports in HTML, PDF, and Excel
- Use of Tapestry, XML, XSLT, Xalan, XSL-FO, FOP, POI, JUnit
- **Back-End Application: Automated hydroelectrical data transfer between two databases**
- Development of many complex algorithms and calculations, with data integrity checks
- Use of XML, Castor, Swing, Velocity, JDBC, JUnit, Tomcat

2002-2004: Fédération des caisses Desjardins du Québec

- **Web Applications: Financial product management (investments, mortgages, credit cards)**
- Technical lead of a team of 5 developers, with coaching, code reviews, and teaching of best practices
- Consulting for improving design and structure of web applications
- Design of highly optimized user interfaces and performance-driven data exchange
- Use of Servlets, JSP, EJB, WebSphere, Struts, HTML

2000-2002: Teleglobe Canada

- **Swing and Web Application: Network Switch Management Tools**
- Configuration the switches used within the Teleglobe world network
- Training and tutoring of junior and intermediate programmers
- Use Servlets, JSP, WebLogic, XML, HTML, CSS, JavaScript, JDBC, SQL, Oracle

1999-2000: CGI

- **Web Site: Publisac, online advertisements and printable coupons**
- Server-side development and dynamic content added to designer-produced HTML templates
- Use of Servlets, JSP, JDBC, JavaScript, HTML, JavaMail, VisualAge, WebSphere, Oracle

1998-1999: Informission Group (now known as Mind Ready)

- **Swing Application: Video Server application for television broadcasting**
- Use of Java RMI, JNI, C++
- **R&D Project: Dynamic GUI prototype generator**
- Use of XML, DOM, SAX, Xalan, Xerces

1996-1998: IBM Toronto Lab

- **Product: Data Access Builder component of the VisualAge for Java IDE**
- Development and automated tests for graphical user interfaces
- Obtained IBM Appreciation Award
- Use of Java, C++, SQL, DB2, OS/2

PERSONAL CHARACTERISTICS AND INTERESTS

- Excellent problem-solving/troubleshooting skills; self-sufficient, good communicator and collaborator
- Motivated, conscientious, resourceful; efficient, delivers quality in a timely fashion
- Well organized, with strong analytical skills, logical, thorough and attentive to details
- Fast learner, self-taught, continuously keeps up to date with the latest software development tools
- Reads many technical books and articles; experiments with new languages and frameworks.

References available upon request.