

Jeff Mesnil

Software Developer

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Profile

Having an extensive experience in *Open Source Java middleware* (working for Red Hat/JBoss and ObjectWeb), I am looking for an opportunity to complement my skills with a focus on *Web development*, its mobile usage (*iPhone, Android, HTML5*) and *cloud computing*.

I relish working in *open environments* (Open Source or collaborative projects) and look for an *innovative job* which emphasizes *individual autonomy, responsibility and team work*.

Experience

Senior Software Developer, Red Hat / JBoss, Oct. 2007 - Present

Developed core parts of HornetQ (Open Source JMS provider) and designed of its management interface, remoting communication layer and STOMP protocol layer. Checked TCK compliance for integration of HornetQ into JBoss AS 6. Community support and evangelization.

Senior Software Developer, Continuent, July 2005 - Sept. 2007

Designed and developed the management infrastructure of C-JDBC/Sequoia (Open Source Java clustering middleware).

Implemented text-based and graphical management consoles (based on Eclipse RCP). Developed internal QA tools based on Ant, Ruby and JUnit.

Web Software Engineer, Yahoo!, Jan. 2005 - June 2005

(6-month contract to finish and put in production a project started while working as a Coframi contractor)

Designed and implemented user reviews which integrated Yahoo! services (login and user content) into Kelkoo web sites through RESTful Web Services.

Software Engineer, Coframi, France, Dec. 2003 - Dec. 2004

Mission at Yahoo!/Kelkoo, June 2004 – Dec. 2004

Replaced Google sponsored links by Overture for Kelkoo web sites (XML/HTTP, XSLT, JavaScript, JSP/Servlets).

Maintained web sites and backoffices (JSP/Servlets, DB2, MySQL).

Mission at GTIE Transport Dec. 2003 - May 2004

Designed and developed a message bus for a road traffic supervision software (XML over HTTP/FTP/SMTP, JMS, JavaMail).

Implemented a SWT-based GUI for live traffic supervision.

Software Engineer, ObjectWeb / INRIA, Oct. 2001 - Oct. 2003

Project Leader of JOTM, Oct. 2002 – Sept. 2003

Extracted JOTM (Open Source transaction manager) from JOnAS J2EE server to use it as a standalone distributed transaction manager.

Integrated JOTM in Tomcat and Jetty to provide transactions support for lightweight web applications without requiring a J2EE server.

Community support and evangelization.

Developer on JORAM, Oct. 2001 – Sept. 2002

Integrated JORAM (Open Source JMS provider) in JOnAS to provide Message-Driven Beans and JMS support.

Developed JMS conformance test suite (used also by JBoss, ArjunaMS, Pramati).

Community support and evangelization.

Skills

Active and former committer on several Open Source projects at JBoss, ObjectWeb and Continuent
Personal Open Source projects hosted on [GitHub](#)

Java

JMS - development of two providers (HornetQ, JORAM), integration of JMS and Message-Driven Beans in two J2EE servers (JBoss, JOnAS)
Eclipse – development of a SWT application (with 2D drawing), a RCP application and [eclipse-jmx](#), a plug-in for management (started as an Open Source personal project and integrated to JBoss Tools as its official JMX console)
JMX – design & development of management infrastructure for two middleware projects and two management consoles
JTA - development of a distributed transaction manager (JOTM)
JSP/Servlets - development of Web applications (using Struts and in-house MVC frameworks)
JDBC - development of a clustering middleware (C-JDBC/Sequoia)

Web

HTML, JavaScript, jQuery, CSS
Development of [stomp-websockets](#), a JavaScript library to use STOMP over HTML5 Web Sockets (Open Source personal project)
Web Services - development of several applications using REST Web Services, XML over various Internet protocols (HTTP, FTP, SMTP) or JMS

Ruby

Development of [jmx4r](#), a JRuby library to write JMX scripts in Ruby (Open Source personal project)
Wrote Ruby scripts for internal QA tools

Mac OS X, iPhone

Development of an iPhone game [tangtouch](#) (personal project)

Clojure

Development of [read-lature](#), a Clojure-based instapaper-clone hosted on Google App Engine (Open Source personal project)

Publications

Online writings are hosted on my [weblog](#)
Conference talks: [IJTC'08](#), [EclipseCon'06](#), [HPTS'03](#)

Education

Cranfield University, England, 2001

MSc Applied Mathematics and Computing

INSA Rouen, France, 2001

Master's Degree in Applied Mathematics and Software Engineering

Hobbies

[Photography](#), Basket-Ball, Golf, Cinema