

MICHAEL D. DESJARDINS

Portland, ME ▪ +1 (207) 956-0599 ▪ mike.desjardins@cereslogic.com
<http://www.cereslogic.com>

OBJECTIVE

To find an opportunity to be an active, contributing software developer in an energetic company.

WORK EXPERIENCE

February 2009 – Present

CERES LOGIC, LLC Portland, ME

INDEPENDENT CONSULTANT/DEVELOPER

Sony Music (New York, NY)

- Created **web applications** and **RESTful** services to support and enhance Sony Music's **e-commerce** offerings.
- **Technical Skills used:** Ruby on Rails, JRuby, Tomcat, Amazon EC2 and S3, MySQL, Lucene, AJAX, Javascript, JQuery, Git, ActiveMerchant, PayPal, Paymentech Orbital Gateway

BlueTarp Financial (Portland, ME)

- Created **RESTful** real-time credit application interface.
- Modified credit bureau's online care application to support real-time credit applications.
- **Technical Skills used:** Tapestry, Castor, Velocity, Hibernate, Maven, Servlets

September 2008 – February 2009

TOTALMUSIC, LLC Herndon, VA (Telecommute)

SENIOR JAVA DEVELOPER

- Designed and developed three **RESTful web services** for an online music service. The services included a metadata query service, search service, and advertising proxy service.
- **Technical Skills used:** Spring (IoC and MVC), EJB3 (Remoting and JPA), Web Services, Lucene, Hibernate, JBoss, Postgres, Oracle, Data Modeling, Freemarker, Maven, Git

June 2007 – September 2008

BLUETARP FINANCIAL, INC. Portland, ME

SENIOR SOFTWARE DEVELOPER

- **Created** a new **Tapestry** and **Hibernate** based **JEE web application** for the Credit Department to track and score credit applications. The application validates and persists user input to a **SQL Server** database.
- Converted an externally facing web application from an **Apache Struts** implementation to a one that uses **Hibernate** and the **Stripes framework**.
- **Technical Skills used:** Tapestry, Stripes, Struts, Hibernate, JPA, HiveMind, iText, Jasper Reports, Mule, Servlets, Tomcat, Glassfish, HTML, CSS, Javascript, IntelliJ IDEA, Business Analysis, SQL, Data Modeling, Microsoft SQL Server, PostgreSQL

April 2000 – June 2007

BOSTON COMMUNICATIONS GROUP, INC. (Formerly Infotech Solutions Corporation) Westbrook, ME

OPEN SERVICES API ARCHITECT/TEAM LEADER

October 2004 – June 2007

- **Led analysis, architecture, and definition** of the *bcgi* Open Services (BOS) API. Member of a small team which **implemented a SOAP-based Java Web-Service API** for an existing wireless billing and customer care application. Primary responsibilities included **API definition, Data Modeling, T-SQL stored procedure** and **Java/J2EE** development. The SOAP API utilized the **Apache Axis** SOAP stack on the **JBoss** application server, and leveraged **Hibernate** for its persistence layer and the **Spring** framework for dependency injection and AOP. Also created several suites of unit tests for the web service which utilized **JUnit** and **soapUI**.
- **Architected** an integrated postpaid/prepaid billing solution for **national wireless MVNO**, Amp'd Mobile. **Met with carrier and** representatives from **multiple integration partners**, including Verizon, Lucent, Schematic, and VeriSign/PayPal. Created conceptual design documentation, which articulated a design that was implemented by a geographically dispersed team of developers at several different companies. **Coordinated design effort** and served as subject matter expert for entire development team.
- **Technical Skills Used:** Java, JBoss, Hibernate, T-SQL, Sybase, Ant, Spring, jBPM, Mule, Castor, JUnit, Apache Axis, Apache Struts, EHCache, CruiseControl, SOA, SOAP, Linux, HP-UX, bash, Perforce, Eclipse, OOP, OOAD, Data Modeling, OSS/J

VOYAGER BILLING AND RATING DEVELOPER/MANAGER

February 2001 – October 2004

- Engineering accomplishments:
 - **Developed and improved recurring charge engines and taxation engines**, Developed other **billing applications** using **C** and **C++** with **Sybase** ct-lib database API.
 - Ported multiple billing processes from a legacy 4/GL to **C++** and **T-SQL stored procedures**.
 - Developed and maintained **real-time call rating engines** which calculated toll, airtime, and data usage.
 - Designed and developed a **Brew** mediation module for the billing system.
 - Created a **real-time** service provisioning **daemon** for the Glenayre voicemail platform.
 - **Technical Skills Used:** C++, STL, T-SQL, Sybase, ksh, HP-UX, make, Cognos PowerHouse, Perl, Perforce, RCS, Emacs, OOP, OOAD, UML, CIBER, TAP (3.1), ASN.1, XML, XSLT, Brew
- Leadership accomplishments:
 - **Architected** solutions to product requirements as established by product management and internal consulting teams.
 - **Authored detailed specifications** for product enhancements including conceptual and detailed design documentation.
 - **Work delegation and assignment**.

- **Annual performance appraisals, salary adjustments, goal setting** for direct reports, and **mentoring**.

VOYAGER USER INTERFACE DEVELOPER

April 2000 – February 2001

Designed user interfaces for the **Voyager** online application using **Cognos Axiant/4GL** and **Sybase T-SQL**. Changes involved **all modules of the company's flagship** cellular billing, customer care, and point-of-sale application.

January 1997 – April 2000

SEAGATE (Formerly Quantum Corporation) Shrewsbury, MA

DESIGN ENGINEER II

- **Implemented industry-leading real-time servo control firmware** for the Atlas 10K II disk drive, working in a three-person team. Code was implemented on a **32 bit NEC V850 processor** in **assembly** and **C**.
- **Developed** in-drive testing software used during the manufacturing process, culminating with several visits to Japanese manufacturing facility.

May - December 1995

May - August 1996

DIGITAL EQUIPMENT CORPORATION Marlborough, MA

SOFTWARE QUALITY ASSURANCE ENGINEER (Co-op)

OPEN SOURCE CONTRIBUTIONS

BUZZBIRD TWITTER CLIENT <http://getbuzzbird.org>

Developed a **multi-platform, Rich Internet Application**. Buzzbird is desktop twitter client based on the **Mozilla XUL** platform.

- **Technical Skills Used:** XUL, Javascript, Prototype, AJAX, CSS, Git

AVANT WINDOW NAVIGATOR <http://awn-project.org>

The Avant Window Navigator is a Mac OS X-like **dock application** for the **Linux** operating system.

- Developed three applets (Weather, Clock/Calendar, and CPU Meter) for the dock. The applets were all written in **Python**.
- Made some minor bugfixes to the Avant Window Navigator **core code**, which is written in **C**.
- **Technical Skills Used:** Python, Minidom, Google APIs, PyGTK+, PyCairo, PyGConf, C, GNU automake, iCal, Bazaar

TECHNICAL SUMMARY

Java, Hibernate, EJB3, JPA, Tapestry, Stripes, Spring, Javascript, JQuery, JRuby, Ruby on Rails, ActiveMerchant, Prototype, iText, Jasper Reports, Freemarker, Apache Wicket, Lucene, Sybase, Microsoft SQL Server, PostgreSQL, XUL, Python, PyGTK+, Django, Google Data API, PyCairo, Minidom, JBoss, Tomcat, Glassfish, T-SQL, Oracle, C++, C, POSIX Shell, UML, UNIX (Linux, HP-UX, Solaris, Mac OS X), SOA, SOAP, Web Services, Axis, Ant, Maven, XML, XPath, Perl, Perforce, Subversion, Git, HTML, CSS, PowerHouse, Eclipse, IntelliJ IDEA, Emacs, Axiant/4GL, Assembly (Motorola 68K, NEC V850, Intel x86), OOP, MATLAB, CIBER, TAP

EDUCATION

WORCESTER POLYTECHNIC INSTITUTE Worcester, MA
Bachelor of Science in Electrical Engineering, Minor in Computer Science. GPA 3.4