

Sean LeBlanc

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Education

Pennsylvania State University
Bachelor of Science in Computer Science, May 1994

Certifications

Sun Certified Java Programmer, December 1999
SilverStream Certified Programmer, May 2000
SAIR Installation and Configuration, March 2001
SAIR System Administration, September 2001

Open Source Work

Greasemonkey scripts – most deal with looking up Amazon items at local libraries:
<http://userscripts.org/users/2388>

Firefox Add-ons:

CheckFox – Improves checkbox functionality.
<https://addons.mozilla.org/en-US/firefox/addon/2393>

DenverLibPlus – Improves Denver Library website.
<https://addons.mozilla.org/en-US/firefox/addon/3105>

Experience

Senior Software Developer

Comcast/Guideworks

Englewood, CO

October 2004-August 2009

- Wrote back-end applications making use of Java, Spring, Hibernate and Tomcat. The application was responsible for servicing search requests from a set-top box.
- Wrote back-end applications. One to ingest XML data via JAXB and insert into Oracle, the other to construct extra metadata in XML and place files on a server component written by a business partner.
- Wrote various utilities, some in Java Swing, to help facilitate the tasks of both developers and testers in interacting with our special binary format and the server components.
- Toolsets included, but not limited to: Eclipse, Ant, CVS, Subversion, Cruisecontrol, Quickbuild, Korn shell and Ruby scripting.

Software Developer

InsightAmerica (acquired by Acxiom)

Broomfield, CO

February 2003-October 2004

- Extended/maintained large Java system. Added Web service capability to the app. For more details on this app, see the e-infodata.com entry below.
- Designed and built another large threaded Java application. This application was designed in a way to be flexible, data-driven & modular. It was also tuned to get the maximum performance out of it. This system replaced an older system, scaled much better and completed batches (in some cases, >100x) faster than the system it was made to replace.
- Installed FreeBSD and configured it to provide a Wiki, a blog, a Jabber server, IRC, and Bugzilla.

Software Developer

Nutros.com, LLC

Golden, CO

January 2002-August 2002

- Converted pages and objects from SilverStream to work with JSP/Servlets on Tomcat in a UNIX environment (FreeBSD/Linux). Put together a build process using Ant to do pushes to development, QA, and production. Also, various IT tasks as needed: email system, NT/2000 tasks, backups, network troubleshooting.

Software Developer

Lakewood, CO

AMI Visions, Inc.

October 1998-November 2001

Internal projects - including outdoorintel.com, August 2001 - November 2001

- Converted a content management application from Coldfusion/IIS/MS SQL Server to LAMP (Linux/Apache/MySQL/PHP).
- Using Apache, FreeBSD, ImageMagick, MySQL, and mod perl, this project presented fishing maps to the user. PowerDesigner was used to maintain the database schema.
- Wrote an app using Java, PHP, Apache, Postgres and FreeBSD to monitor hosted sites.

Onsite at www.einfodata.com (Boulder, CO) May 2001 - August 2001

- This project fulfilled incoming XML requests by querying sources via methods such as FTP, HTTP, and Telnet, and returning XML responses. Project was done using Java (JBuilder) and SQL Server.

Onsite at www.nutros.com (Lakewood, CO) February 2001 - May 2001

- Added/changed/approved database changes as needed (MS SQL Server).
- Wrote AuthorizeNet credit card approval module, built pages for website, and wrote flexible emailing system using templates, all written in Java on SilverStream.

Internal project, January 2001 - February 2001

- Worked on generic J2EE module to do credit card authorization.

Onsite at www.authentor.com (Englewood, CO) July 2000 - December 2000

- Wrote up requirements, and did some basic UML on new components as necessary.
- Assisted in building a Java GUI using Visual Cafe, and wrote C/C++ DLLs to be used via JNI.

Internal projects: frogmagic.com and buychoice.com, September 1999 - July 2000

- Did server-side programming (EJB) in SilverStream.
- Assisted in gathering requirements and building specifications, as well as database design.

Onsite at www.corlogic.com (Boulder, CO) October 1998 - September 1999

- Fixed bugs in a legacy PowerBuilder application. Improved/updated C code.

Software Developer

York, PA

The Byrnes Group

April 1996-September 1998

Onsite at Corning-Asahi (State College, PA) April 1996 - September 1998

- Wrote applications to interact with real-time data on a production line. The applications were built with PowerBuilder.
- Worked on database design, stored procedures, and tuning queries (Oracle).
- Wrote a Perl script to assist in configuration management.
- Wrote C code to provide integration between new system and old system.

Software Developer

Mechanicsburg, PA

Technical Services Associates, Inc.

November 1994-April 1996

- Developed a client/server purchasing package using PowerBuilder and did site installs.
- Maintained a C program built for UNIX and VMS systems.
- Responsible for development instances of Oracle and Informix databases.