

Ben La Monica

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I am interested in working for a company that provides technical challenges and opportunity to design and implement software using agile software development techniques.

Summary of Qualifications

- Expertise in integrating systems
- Knowledge of Agile Project Management
- Understanding of Foreign Exchange business
- Extensive experience in refactoring code

Technical Expertise

Languages	Java, Objective-C, C, C++, Perl, PHP, Ruby, JavaScript, HTML, CSS, Ant, SQL, Oracle PL/SQL
Frameworks & Libraries	Spring, Hibernate, Quartz, J2EE, Java Collections, Apache Commons (Logging, Net, Ftp, Util, Lang), Concurrent-Backport, JUnit, JMock, XmlBeans
APIs	JMS, JNDI, JMX, JDBC, JSP, Servlet
Concepts	Agile Software Development Methodologies, Multi-threaded software development, Network Programming, Network Troubleshooting, Integration Testing, Functional Testing, Unit Testing, Change Management, Design Patterns
Software	Eclipse, Weblogic 8 & 9 (Container and Messaging), Tomcat 5.x, IBM MQ Series 6, Tibco Rendevous, Active MQ, Oracle 9i, MySQL, PostgreSQL, Canoo WebTest, Perforce, Subversion, CruiseControl, bash
Systems	Windows (for development), Linux (system administration, deployment target), MacOS X (development, dream OS), Solaris (deployment target)

Professional Experience

Bank of America, Chicago, IL

Java Software Developer—Global Foreign Exchange

January 2006 - Present

Work with small teams on several projects using Agile project management techniques. Part of the interview board which would interview potential candidates to ensure that they will fit with the Bank's culture and meet knowledge requirements.

Accomplishments include:

- Current Project: Merrill Lynch FX Risk Transfer; provides a bridge for the Merrill Lynch FX trading system to continue to trade on the market after the merger
- Phone Deal Service; retired legacy system (MT300 Processor) that keeps FXTransact in sync with the System of Record
- "Where's My Deal?"; a logging framework to track a transaction through multiple machines and applications
- PTE to GBS-Interface; retired part of legacy system (Trader 2); sending trade details to back-

- office systems for payment over the SWIFT network.
- Intra-day Credit Engine (ICE); retired legacy system (CRX); helped finish this behind schedule project, implemented a way to reliably deploy in different environments
- Window Forward / DrawDown enhancement of FXTransact; helped add new product to our corporate and retail clients

Utah State University Research Foundation, Logan, UT

Java Software Developer

May 2004 - January 2006

Worked on several web based applications used by the Space Dynamics Laboratory and the USU Research Foundation to meet government reporting requirements. Eventually became the lead developer on AssetView, a property management tool used to inventory all hardware at the Foundation. Also maintained legacy desktop applications using Borland C++ Builder and supported existing users.

Accomplishments include:

- Created a large web application with over 50 dynamic pages
- Introduced open source libraries to speed development (Struts, Spring, Hibernate, Tomcat)
- Demonstrated the flexibility of our design by creating new custom views for a handheld version of AssetView so that inventory could be done using PocketPC devices with barcode scanners. Only minimal code was required to support this change.

CylindriNet / UtahBuild, Layton, UT

Business Owner / Linux System Admin & PHP Developer

July 2001 - July 2003

Started a small web hosting company that ran RedHat Linux at a co-location facility in Rexburg, Idaho. Offered DNS, Mail, and Web services to a small number of clients, in total about 30 domains. Was eventually purchased by UtahBuild where I continued on as Linux Sys Admin and PHP Developer for UtahBuild's advertising clients.

Accomplishments include:

- Wrote an administrative back-end to automate the process of setting up mail accounts and client domains
- Wrote a PAM to allow users to set up limited accounts for e-mail, and to prevent username collision.
- Ran everything on a tight budget to minimize cost, including assembling my own server hardware, and maintaining the software stack

Open Source Projects

- DrawBridge – one of the main contributors to a database management web application
- WebKit - contributed to regression tests for the SVG integration
- ulogd - contributed sqlite database plugin for storing packets from netfilter
- XmlBeans - contributed bug fix (included in 2.3.0)

Education

Utah State University

December 2005

B.S. Interdisciplinary Studies; Computer Science, Mathematics, Communication

Ricks College (Now Brigham Young University – Idaho)

May 2001

A.A. General Education