
Renaud Waldura

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o b j e c t i v e

Lead a software development team for a life science company (biotech, medical, pharmaceutical).

- ◆ Pragmatic software engineer with 9 years of experience in all aspects of the software development life cycle.
- ◆ Deep development skills in multiple languages, particularly Java (J2EE, J2SE), C/C++ and Perl.
- ◆ Excellent knowledge of OO design and analysis, design patterns, agile methodologies, UML.
- ◆ Master's degree in computer science, specialized in distributed systems and applications.

s k i l l s

Languages	Java (5 years), JavaScript, Perl, PL/SQL, C/C++, Ada, UNIX shells, XSL
Frameworks	J2EE (EJB, servlets, JSP, JDBC), TopLink, Struts, XML (SAX, DOM)
Application Servers	BEA WebLogic Server & WebLogic Integration (WLI), Oracle 9i, JBoss, Tomcat
Systems	UNIX (Solaris, Linux, *BSD, AIX, HP-UX), Microsoft Windows
Networking	TCP/IP stack: HTTP, SMTP, TCP, etc.

e x p e r i e n c e

Senior Software Engineer

Company name withheld
San Francisco, CA
September 2002 – present

- ◆ Senior member of a team of five engineers developing a multi-tiered J2EE application for supplier/catalog management in the procurement chain.
- ◆ Work closely with product manager and product strategist to identify business needs, gather requirements and refine product direction.
- ◆ Design software solutions, write PRDs and feature specifications.
- ◆ Generate UML diagrams to document software designs and architecture.
- ◆ Communicate with team around architectural vision and define application standards. Document standards (Wiki) and encourage their usage.
- ◆ Research, evaluate and document new technology directions.
- ◆ Develop Web application with Struts & Tiles (JSP, servlets), EJB business logic layer (session beans, JMS, WebLogic) and O/R mapped entity beans (TopLink, Oracle 9i database).
- ◆ Implement normalized database schema, write SQL queries and stored procedures (PL/SQL, Oracle 9i).
- ◆ Design and implement automated build/test process, including unit tests and high-level integrity tests (Ant, JUnit, HttpUnit).
- ◆ Manage Web & IT operations: 24/7 application uptime & performance monitoring. Define alert process, schedule pager duty among team.
- ◆ Refine and automate release process, coordinate new release pushes to production environment.

Senior Software Engineer
Zero G Software
San Francisco, CA
January 2001 – May 2002

- ◆ Senior member of a team of six engineers developing a multi-tiered J2EE application for cross-platform software updating and remote delivery.
- ◆ Developed Web application with Jakarta Struts (JSP, servlets) and EJB-like business logic layer (session/entity beans, Tomcat).
- ◆ Developed lightweight AWT/Swing secure client application communicating over HTTP/HTTPS with XML (JAXP-SAX).
- ◆ Led team in the application of best practices: design patterns, design by contract, J2EE standards, open source software, UML.
- ◆ Implemented eXtreme Programming: user stories, continuous integration with Ant, JUnit tests, pair programming, simplicity first.

J2EE Consultant
Ligos Technology
San Francisco, CA
April 2000 – December 2000

- ◆ Advised on development and deployment of Web applications.
- ◆ Developed J2EE applications with JSP, servlets, Java Beans, JDBC.
- ◆ Integrated applications with legacy back-end systems (C, C++).
- ◆ Published articles and documentation about open source projects.

Principal Web Engineer
Ligos Technology
San Francisco, CA
September 1997 – September 1999

- ◆ Designed and developed e-commerce system to sell software products.
- ◆ Created Web pages for secure ordering, online payment and delivery.
- ◆ Programmed back-end system for instant payment and order tracking with relational database (Perl, mod_perl, C++, MySQL, CyberCash).

System Administrator
Softway International, Inc.
San Francisco, CA
March 1996 – April 1997

- ◆ Administered company-wide IT resources: desktop and server systems (Solaris, BSDI and Windows NT, Windows 95/98), corporate data networks (Ethernet, ISDN, PPP, TCP/IP), and printing resources.
- ◆ Wrote ad-hoc maintenance programs to implement business processes (Perl, UNIX shell); configured Apache server for corporate Web sites.

e d u c a t i o n

1996 – **Master's Degree in Software Engineering**, Distributed Systems and Applications
University of Nice-Sophia Antipolis, France

Master's Thesis: High-volume financial market analysis with mobile software agents
Java implementation for Global Concept Finances, 1996

1993 – **Bachelor's Degree**, Mathematics Major (France)

m i s c

- ◆ Strong team player, also capable of working independently.
- ◆ Passionate about computing: actively keep abreast of current technologies, practices and methodologies.
- ◆ Actively follow and participate in open source projects: Eclipse, Jakarta, JBoss, FreeBSD, etc.
- ◆ Principal author of the JNDI Explorer, a plugin for Eclipse.
- ◆ Founder and maintainer of the TopLink Wiki at <http://toplink.waldura.com>.
- ◆ Professional member of the Association for Computing Machinery since 2000.
- ◆ French citizen, permanently authorized to work in the US (*green card* holder).