
R. Henry Waldura

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o b j e c t i v e

To join a team of experienced software developers who share my commitment to quality.
To leverage Java technologies to build distributed applications. Full-time positions preferred.

- ◆ Pragmatic software engineer with 7 years of hands-on programming experience.
- ◆ Deep development skills in multiple languages, particularly Java (J2SE, J2EE), C/C++ and Perl.
- ◆ Excellent knowledge of OO design and analysis, design patterns, agile methodologies, UML.
- ◆ Master's degree in software engineering, specialized in distributed systems and applications.

e x p e r i e n c e

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-based business logic layer (session/entity beans, WebLogic, Oracle 9iAS).
- ◆ Assisted in developing a 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++).
- ◆ Recommended and implemented security solutions: SSL sockets, PKI cryptography, firewalls, Intrusion Detection Systems.
- ◆ Published articles and documentation about open source projects.

Lead Architect & Developer

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).
- ◆ Addressed security issues: built firewall, wrote security policy, secured internal and external networks.

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.

R&D Engineer
Global Concept Finance SA
Sophia Antipolis, France
September 1995 – March 1996

- ◆ Researched an original model of distributed processing for financial applications, based on mobile software agents.
- ◆ Implemented client/server prototype in Java (JDK 1.0 *alpha*) on Solaris.
- ◆ Validated distributed application behavior with custom test framework.
- ◆ Recommended hardware and software to be used for deployment.

s k i l l s

PROGRAMMING LANGUAGES

Java, JavaScript	3 years experience
Perl	5 years
SQL	4 years
C, C++	2 years
Ada, Pascal	1 year
UNIX shell, sed, awk	9 years
Tcl/Tk, Visual Basic	3 months

OPERATING SYSTEMS

UNIX – Solaris, *BSD, Linux, AIX, HP-UX, Irix
5 years administration experience

Microsoft Windows 2000, Windows NT 4.0, Windows 95/98
3 years administration experience

OTHERS

- ◆ Expert knowledge of Java technologies: servlets, JSP, JDBC, EJB, RMI, JNDI, XML (SAX/DOM), XSL.
- ◆ Familiar with J2EE application servers: BEA WebLogic, Oracle 9iAS (Orion), JBoss/Tomcat.
- ◆ Excellent knowledge of the TCP/IP networking stack: HTTP, SMTP, TCP, IP, etc.
- ◆ Familiar with BSD sockets programming, UNIX systems programming.

e d u c a t i o n

1996 – **Master's Degree in Software Engineering**, Distributed Systems and Applications
ESSI (Superior School in Computer Science), University of Nice-Sophia Antipolis, France.

1993 – **Bachelor's Degree**, Mathematics Major
University of La Rochelle, France

m i s c

- ◆ Strong team player, very team-aware, also capable of working independently.
- ◆ Passionate about software: actively keep abreast of current technologies, practices and methodologies.
- ◆ Actively follow and participate in open source projects: Eclipse, Jakarta, Apache, JBoss, FreeBSD, etc.
- ◆ Professional member of the Association for Computing Machinery since 2000.
- ◆ Bilingual English-French, permanently authorized to work in the US (*green card* holder).