
R. Henry Waldura

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s u m m a r y

- ◆ Pragmatic software engineer with seven years of hands-on programming experience.
- ◆ Deep development skills in multiple languages, particularly Java (J2SE, J2EE) and C/C++.
- ◆ 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

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|---|--|
| Senior Software Engineer
<i>Zero G Software</i>
San Francisco, CA
January 2001 — May 2002 | <ul style="list-style-type: none">◆ Senior member of a team of six engineers developing a multi-tiered J2EE application for remote software updating and delivery.◆ Developed Web application with Jakarta Struts (JSP, servlets), business logic layer with EJBs (Oracle 9iAS), and Swing client application communicating with XML over HTTP/HTTPS.◆ Led team in the application of best practices: design patterns, UML, design by contract, J2EE standards, open source software.◆ Implemented eXtreme Programming: user stories, continuous integration, unit tests, pair programming, simplicity first. |
| J2EE Consultant
<i>Ligos Technology</i>
San Francisco, CA
June 2000 — December 2001 | <ul style="list-style-type: none">◆ Advised on development and deployment of Web applications.◆ Developed J2EE applications with JSP, Java servlets, JDBC.◆ Integrated applications with legacy back-end systems (C, C++).◆ Recommended and implemented security solutions: SSL sockets, PKI cryptography, firewalls, Intrusion Detection Systems. |
| Lead Architect & Developer
<i>Ligos Technology</i>
San Francisco, CA
September 1997 — September 1999 | <ul style="list-style-type: none">◆ Designed and developed a complete e-commerce system including secure ordering, online payment and delivery, and back-end system for order tracking (Perl, C++, SQL).◆ Addressed security issues: built firewall, wrote security policy, secured internal and external networks. |
| System Administrator
<i>Softway International, Inc.</i>
San Francisco, CA
March 1996 — April 1997 | <ul style="list-style-type: none">◆ Administered company-wide computer systems (Solaris and Windows NT servers, Windows 95/98 desktops) and networks (Ethernet, ISDN, PPP, TCP/IP).◆ Installed, configured and tuned Web servers for corporate sites. |
| R&D Software Engineer
<i>Global Concept Finance SA</i>
Sophia Antipolis, France
September 1995 — April 1996 | <ul style="list-style-type: none">◆ Researched a new model of distributed computation for financial applications, based on mobile software agents.◆ Implemented prototype in Java 1.0 <i>alpha</i>; tested in lab, and at potential client sites.◆ Recommended hardware and software platform 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: RMI, JDBC, JNDI, JSP, servlet, EJB, 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

o t h e r

- ◆ Strong team player, also capable of working independently.
- ◆ Passionate about software: actively keep abreast of current technologies, practices and methodologies.
- ◆ Follow and participate in open-source projects (Jakarta, JBoss, Apache, FreeBSD, etc.)
- ◆ Professional member of the Association for Computing Machinery since 2000.
- ◆ Bilingual English-French, “green card” holder.