
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.

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| <p>Senior Software Engineer
<i>Zero G Software</i>
San Francisco, CA
January 2001 — May 2002</p> | <ul style="list-style-type: none">◆ Senior member of a team of five engineers developing a multi-tiered J2EE application for remote software updating and delivery.◆ Developed MVC Web application with Jakarta Struts (Java Server Pages, servlets), Enterprise Java Beans persisted to relational database (WebLogic, Oracle), and Swing/AWT client application.◆ 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. |
| <p>J2EE Consultant
<i>Ligos Technology</i>
San Francisco, CA
June 2000 — December 2001</p> | <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. |
| <p>Lead Architect & Developer
<i>Ligos Technology</i>
San Francisco, CA
September 1997 — September 1999</p> | <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. |
| <p>System Administrator
<i>Softway International, Inc.</i>
San Francisco, CA
March 1996 — April 1997</p> | <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. |
| <p>R&D Software Engineer
<i>Global Concept Finance SA</i>
Sophia Antipolis, France
September 1995 — April 1996</p> | <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	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, Irix
5 years administration experience

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

OTHERS

- ♦ Strong knowledge of the TCP/IP networking stack: HTTP, SMTP, TCP, IP, etc.
- ♦ Familiar with J2EE application servers: BEA WebLogic, Oracle 9iAS (Orion), JBoss/Tomcat.
- ♦ Familiar with BSD sockets programming, UNIX systems programming.

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- ♦ 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.