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## Renaud 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).
- ◆ 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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### *e x p e r i e n c e*

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| <p><b>Senior Software Engineer</b><br/><i>Zero G Software</i><br/>San Francisco, CA<br/>January 2001 — May 2002</p>                       | <ul style="list-style-type: none"><li>◆ Senior member of a team of five Java engineers developing a multi-tiered J2EE application for remote software updating and delivery.</li><li>◆ Developed MVC “model 2” Web application with Jakarta Struts (Java Server Pages, servlets) and Enterprise Java Beans persisted to relational database (MySQL, Oracle).</li><li>◆ Promoted and applied best practices: design patterns, UML, design by contract, J2EE standards, open source software.</li><li>◆ Implemented eXtreme Programming: user stories, continuous integration, unit tests, pair programming, simplicity first.</li></ul> |
| <p><b>J2EE Consultant</b><br/><i>Ligos Technology</i><br/>San Francisco, CA<br/>June 2000 — December 2001</p>                             | <ul style="list-style-type: none"><li>◆ Advised on development and deployment of Web applications.</li><li>◆ Developed J2EE applications with JSP, Java servlets, JDBC.</li><li>◆ Integrated applications with legacy back-end systems.</li><li>◆ Recommended and implemented security solutions: SSL sockets, PKI cryptography, firewalls, Intrusion Detection Systems.</li></ul>   |
| <p><b>Lead Architect &amp; Developer</b><br/><i>Ligos Technology</i><br/>San Francisco, CA<br/>September 1997 — September 1999</p>        | <ul style="list-style-type: none"><li>◆ 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).</li><li>◆ Addressed security issues: built firewall, wrote security policy, secured internal and external networks.</li></ul>   |
| <p><b>System Administrator</b><br/><i>Softway International, Inc.</i><br/>San Francisco, CA<br/>March 1996 — April 1997</p>               | <ul style="list-style-type: none"><li>◆ Administered company-wide computer systems (Solaris and Windows NT servers, Windows 95/98 desktops) and networks (Ethernet, ISDN, PPP, TCP/IP).</li><li>◆ Installed, configured and tuned Web servers for corporate sites.</li></ul>   |
| <p><b>R&amp;D Software Engineer</b><br/><i>Global Concept Finance SA</i><br/>Sophia Antipolis, France<br/>September 1995 — April 1996</p> | <ul style="list-style-type: none"><li>◆ Researched a new model of distributed computation for financial applications, based on mobile software agents.</li><li>◆ Implemented prototype in Java 1.0 <i>alpha</i>; tested in lab, and at potential client sites.</li><li>◆ Recommended hardware and software platform for deployment.</li></ul>  |

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## *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	7 years
Tcl/Tk, Visual Basic	3 months

### **OPERATING SYSTEMS**

UNIX – \*BSD, Linux, Solaris, 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: JBoss/Tomcat, BEA WebLogic, Oracle OAS (Orion).
- ♦ Familiar with BSD sockets programming, UNIX systems programming.

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## *m i s c*

- ♦ 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.