

## **Manager/Architect/Senior Software Engineer – Enterprise/Appliance Software Solutions Linux and Open Source Solutions Expert**

I have years of experience in Software Engineering, with emphasis on software solutions for servers and appliances. I have also setup and managed offshoring initiatives. This experience was gathered working in the United States, China and Europe; and is backed by solid records as a contributor to the Open Source community. I thrive in fast-paced and delocalized environments and will contribute years of demonstrable international experience to the growth of organizations. I am open to Management, Architect, Senior Software Engineer positions, Consultant and Contractor positions.

**2007-: Senior Software Engineer. Postini, Google. France/California** - Message security solution for massive cluster deployment, contributing to the success of Google Message Security Business Unit (Gmail and Google Apps). Tens of thousand customers, hundreds of millions of users, hundreds of millions of dollars in revenue.

- ⤴ SPAM/Security Threats detection and containment.
- ⤴ Design/Extension/Enhancement of threats detection and monitoring abilities. Tactical spam fighting tools.
- ⤴ Service Reliability, Technical Expertise

**2005-2007: General Manager. Resilience Corporation, China** - Grew the Chinese development center from 1 to 23 employees in three divisions over 12 months, and brought to market three new security appliances to contribute to our growth and diversification plan.

- ⤴ Engineering/QA/RMA center development: promoting, hiring and training. Facilities setup and growth planning.
- ⤴ Project management: high availability platform developments, security applications integration and test.
- ⤴ Customer facing activities: promotional speaking engagement with security partners, OEM deals technical negotiations.

**2002-2005: Senior Software Engineer. Resilience Corporation, California** - Implemented, supported and improved 6 major revisions of a Check Point Firewall-1/VPN-1 integration on 3 different hardware platforms. It was the company's most significant revenue generator.

- ⤴ Design, implementation, integration and documentation of software subsystems for a Red Hat Linux based high availability platform. Integration with industry leading security applications.
- ⤴ Process development and documentation, execution analysis, project post-mortems and recommendation for improvements.

**1997-2002: Senior Software Engineer. Cygnus Solutions/Red Hat, California** - Helped design, implement and promote the GCC based Java native compiler, which generated revenues through contract development for the embedded system industry. It was the first Java native compiler available on IA64. It is now found in all major Linux distributions.

- ⤴ Design and development of products, contract based development and support services: GnuPro platform (Toshiba, Nortel, Intel, IBM), Code Fusion IDE, port/test of RedHat Linux distribution on AS/400, s390 and Compaq/Alpha.
- ⤴ Design assistance and implementation of GCJ, a native Java compiler, based on Gcc. Integration with several releases of the GNU Compiler Suite. Free Software Foundation maintainer (1999 to 2002). Integration with other Open Source Java projects.

**1992-1997: Software R&D Engineer, CAD industry:**

- ⤴ **1995-1997: Software R&D Engineer. Silvaco International, California** - Sole designer and developer of a portable execution environment bundled with a variety of the company's products to provide customization and extensibility (C compiler targeting a custom designed VM. C++, natural multi-threading and FFI extensions.)
- ⤴ **1992-1995: Software engineer. Anacad/Mentor Graphics, Grenoble** - Helped deliver VHDL-A, one of the first analog VHDL (standardization IEEE 1076.1) simulation environment; integrated with analog simulation engines from Mentor Graphics and Anacad, allowing the simulation of mixed (analog and digital) circuits.

**1988-1991: University of Paris 8** - MS and University Engineering degree with emphasis on AI/AL.

### **Technical Skills:**

Linux/Unix, C/C++, Python, Shell, Perl, Java...  
Compilers and runtimes environment  
Machine learning (classification and clustering)

Sockets, threads, X11  
System configuration/management. IP networks

JavaScript/AJAX  
Network security and security applications