John F. Masinter

Personal Resume – v.2016.01.04

770-886-9100, john@masinter.net

9078 White Pelican Way, Little CO 80126

john.masinter.net/resume

OBJECTIVE:

Apply my 30+ years of professional experience to lead a software engineering organization, including software architecture, development, and QA teams. My personable communication skills build teams quickly and my deep experience produces quality products. I am a U.S. Citizen, and have held past security clearance, background checks, and polygraphs. I am willing to travel or relocate.

EXPERIENCE:

Apr 07 - Present, Intel Corp, Denver CO, Sr. Engineering Manager

Acquisitions & Relocations:

Jul 2015 - Present, Intel Inc, Denver, CO, (transition to Intel employee)
Sep 2014 - Jul 2015, McAfee Inc, Denver, CO, (relocation)
Feb 2011 - Sep 2014, McAfee Inc, Atlanta GA, (post Intel acquisition)
Nov 2008 - Feb 2011, McAfee Inc, Atlanta GA, (acquired by Intel Inc.)
Apr 2007 - Nov 2008, Secure Computing Inc, Atlanta GA, (acquired by McAfee Inc.)

Overview: Manage software architecture, development and QA teams for this huge technology leader in the security industry. Our products earned the Gartner Magic Quadrant in several product segments. Handled all aspects of employee management, annual reviews, bonus, hiring, RIFs, terminations, budgeting and purchasing.

Aug 09 - Present, Sr. Manager, Software Dev and QA, McAfee Linux S/W Architect
Manage software dev and QA teams, and software architecture, of three key products:

* Intel Secure Linux - The evolution of McAfee Linux into an Intel product. This will support many Intel products going forward.
* McAfee Linux - A custom designed Linux distribution, purpose built OS platform, used as the foundation for many McAfee enterprise gateway products in the Network Security business unit and Content Security business unit.
* McAfee Intel Super Tool - A live-boot USB & CD-ROM memory resident Linux system purpose built to provide the customer with easy to use hardware diagnostics. This is distributed with the McAfee enterprise server products of two large business units.
* McAfee Common BIOS - An initiative to automate the build of BIOS firmware packages for the Intel servers used by 13 product groups. This system provides a web interface for groups to enter their BIOS requirements, and builds a BIOS package on-demand to speed the design/build/test/iterate development cycle.

Apr 07 - Jul 09, Software Development Manager, IronMail S/W Architect
Manage IronMail software development team with five direct reports. Chief architect and product responsibility for the "IronMail Lite" and "Edge" mail security gateway products. Developed in C/C++/Python, and run on Dell & Intel server appliances. Interface with support group, and manage customer escalations, to cover the full software lifecycle.
Ref: www.mcafee.com

Nov 04 – Dec 06, Earthlink Inc., Atlanta GA, Sr. Software Engineer
Designed and implemented new systems, maintained and expanded current systems of high volume server-side mail applications including SMTP, IMAP, POP, LDAP, and Proxy. The SMTP application processed about 20 million messages per day. Our GigMail re-engineering effort allowed for efficient management of a 10 PB (petabyte) message base. I personally designed and implemented a proxy solution to authenticate and route all mail protocols. My skills contributed to a measurable improvement in quality and efficiency. Work was performed on Sun Solaris and Linux using C/C++, Python, and Shell. Group collaboration and cooperative development were used. Ref: www.earthlink.net

Nov 99 - Oct 04, Teletrack Inc., Norcross GA, Principal Engineer
Designed and developed multiple web applications to provide business functions and realtime access to backend credit reporting databases and telephony systems. All backend server solutions were developed in C++ under Linux and Windows. The apps utilized TCP/IP, ODBC, HTTP. Application dynamically generated HTML reports using HTML and JavaScript. Developed an API library for distribution to clients of this service. The API authenticates users, accesses an RDBMS, communicates via TCP/IP and HTTP, and formats HTML reports. Also developed an app to access a legacy IVR fax-back system utilizing DigiBoard serial ports for dial-up TTY modem access. These are high volume multi-user multi-threaded multi-platform applications using C++, Linux, SCO Unix, Windows 2000, GNU tools, SQL Server, asymmetric public key cryptography, symmetric crypto, MinGW, Win32 API. Ref: www.teletrack.com

Oct 97 - Oct 99, Innotrac Corporation, Duluth GA, Software Engineer
Designed and developed web applications to integrate with a legacy mainframe database system, warehouse automation equipment, and access functions and statistics of a large call center. These provide users with instant Internet access to the functionality of the legacy system. The web apps were designed from the ground up to be multi-threaded, distributed processing ready, and very high-volume capable. Also developed a warehouse shipping system to manage a database of shipments and control warehouse machinery via 64 serial lines. Used HP-UX and Sun Solaris, GNU C++, ORACLE, and Triple-DES encryption. Ref: www.innotrac.com

Sep 96 - Sep 97, Copper Mountain Networks Inc., San Diego CA, Software Engineer
Designed and developed an embedded HTTP (WWW) server and Telnet server for OEM Telecom DSL switches. Developed a proprietary CGI language that allowed dynamic web page creation and access to the switch database. These applications allowed users to login and perform administration tasks on the switch via the Internet. Embedded applications were developed using WindRiver's C++ and VxWorks OS. They have since been acquired by Motorola. Ref: www.coppermountain.com

Jul 95 - Aug 96, BellSouth.Net / BellSouth Advanced Networks, Atlanta GA, S/W Engineer
Developed client and server Kerberos encryption software to access Radius and TACACS servers. Developed all necessary network communications software to centralize maintenance of this system. Various network communication tools were developed to manage and account for network access and usage. Developed a TACACS application for use by Cisco access products for the initial BellSouth.Net roll-out. Kerberos work was performed on Windows and UNIX (Solaris 2.4-2.5) running on SPARC 5, 20, Ultra computers, HP E-9000 servers running HP-UX 9.x & 10.0 using HP C++ Protocols, used UDP, TCP, IP, RAS SSL, and DES encryption. Programs used Borland C++, GNU C++, SunSoft C++. Kerberos versions included: MIT V4 & V5, Cybersafe V5, and Cygnus Network Security V4. They have since been acquired by ATT. Ref: www.bellsouth.net

Below are independent contracts performed prior to 1995

Jan 95 - Jul 95, SunGard Data Systems Inc., Atlanta GA, Software Engineer
Windows, C++, ZAPP, Novell SPX/IPX, TCP/IP, OS/2 2.1 & 3.0, C-Set++, Novell SPX/IPX, TCP/IP, SQL.

Jan 94 - Dec 94, Royal Caribbean Cruises Ltd., Miami FL, Software Engineer
WAN X.25, LU 6.2, Async Modem, MS-DOS C++, SPX/IPX, GreenLeaf CommLib, ZAPP, WinSock

Jun 93 - Jan 94, Microbilt Corporation, Atlanta GA, Software Engineer
MS-DOS, Windows 3.1, Borland C++, Low-level graphic drivers were developed.

Jan 93 - Jun 93, U.S. Sprint, Atlanta GA, Software Engineer
Developed app on HP-UX to handle 200 in-bound async modems, implement protocol, DB.

Sep 92 - Jan 93, Volunteer Hospitals of America, Atlanta GA, Software Engineer
Developed database utilities, IBM RS-6000 using AIX, C, Business Basic, and shell.

Jul 92 - Sep 92, Household Mortgage Inc., Atlanta GA, Software Engineer
Maintain legacy C app, Altos UNIX, simple proprietary database, mortgage calculation, lead tracking.

Aug 91 - Jun 92, Multimet Inc., Atlanta GA, Software Engineer
Developed multi-threaded comm package, OS/2 2.0, 2.1. IBM C++, 64 modem DigiBoard.

May 90 - Aug 91, Total Business Computing Inc. , Tampa FL, Software Engineer
Developed a multi-tasking real-time OS kernel to run on PC's. Microsoft C on IBM PC compatibles.

July 89 - May 90, Bear Automotive Co., Milwaukee WI, Software Engineer
C app devel, IBM PC/AT, 80x86 assembly, reverse engineer MS-DOS, AT-BIOS, TSR “pop-up” apps.

Oct 88 - June 89, AFC Inc., Kenosha WI, Software Engineer
Developed inventory control, ISAM, ORACLE, AT&T UNIX V.3, NCR Tower 32, 48-user.

May 88 - Oct 88, Institute for Naval Oceanography, NASA Stennis Space Center
Beta test, sys admin, C development on new mini-super computer Astronautics ZS-1, Berkeley UNIX 4.3.

Nov 87 - Jan 88, Eagle Technologies Inc., San Antonio TX, Software Engineer
Analyze and report on Dept. of Defense Ada Software Repository, 50 MB of code.

Sep 85 - Nov 87, International Marketing Services, Lafayette LA, Programmer
Developed statistics app, C on IBM PC and ported to a VAX 11/780 under UNIX system V.

Oct 83 - Sep 85, Gulf Industries Inc., Mandeville LA, Computer Consultant
User support installation and troubleshooting of software and hardware, PC environment.

SKILS

- Operating Systems: Linux, RedHat, Debian, Gentoo, Slackware, Ubuntu. Linux kernel configuration, kernel development, kernel drivers. Secondary: Unix, VxWorks, WindRiver Linux, HP-UX, AIX, Solaris, Tru64, FreeBSD, OpenBSD, OS X, EFI/UEFI.
- Virtualization: VMware Server, ESX, Workstation, VirtualBox, Qemu, Qemu-KVM.
- Hardware: Dell servers, Intel servers, HP Blade servers, Sun SPARC, IBM RS-6000, HP Snake, Apollo, IBM PC, IBM 3033, 3081, VAX-11/x, DG-MV10000, Pyramid 90x, MassComp, Astronautics ZS-1, NCR Tower 32.
- Languages: C++, C, Python, SQL, Bash Shell. Secondary: JavaScript, Visual BASIC, Ada, Assembly (x86, 8051, Z80, IBM/360, 6811, PIC12C671.)
- Communications: Course work in Technical Writing, Inter-Personal Communication, Semantics (of Speech), Psychology, Language, and Psycholinguistics.

EDUCATION:

- University of Southwestern Louisiana, Sept 86 - May 87
- Brock University, Ontario Canada, Sept 85 - May 86
- University of New Orleans, June 85 - Aug 85
- University of Southwestern Louisiana, Sept 84 - May 85
- Louisiana State University, Baton Rouge, Aug 83 - May 84

REFERENCES:

Available for pre-qualified opportunities.