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| ResumeHead | 12340 Alameda Trace Cir., #2403Austin, TX 78727720.873.0330 Office 303.668.6680 Mobilemcongdon@globaldisplay.comwww.michaelcongdon.com |

**Objective**

To prove to companies that technology can deliver every bit of value we say it can, to deliver advanced software-based solutions, to train fellow colleagues on the mastery of these technologies and to and to continuously test the threshold where people can harness the power of today’s computing environment.

**Experience**

TMF Health Quality Institute/EMS – SOA/Integration Architect 6/2012-present

Migrated and clustered a SOA-based application which processes Medicare claims image documents to a new DEV, TEST and PROD environment. Enhanced application with error handling logic and the Oracle BPM worklist UI. Responsibilities include: Technical architecture, programming, middleware administration, codebase management. Technologies used include: Oracle Fusion Middleware 11.1.1.6 (SOA Suite, BPM Worklist), BPEL, WSDL, JCA, SCA, Web Services, WebLogic Server 10.3, Subversion.

URS/Denovo – SOA/Integration Architect 7/2011-6/2012

Architecting and delivering an SOA platform upon which URS can fulfill their aggressive acquisition strategy over the next 4 years to quickly integrate line-of-business applications with Oracle JD Edwards EnterpriseOne ERP, HRMS, CRM and other enterprise systems and applications. Responsibilities include: Technical leadership, technical architecture, project Management, financial analysis and budget tracking, managing delivery team, aligning business and IT teams and more. Technologies used include: Oracle Fusion Middleware 11.1.1.5, Java EE 6, XML, Web Services, XQuery, WSDL, BPEL, Oracle SOA Suite 11.1.1.5, Oracle AIA Foundation Pack. WebLogic Server 10.3.5, JMX, JMS.

Alcatel-Lucent/Hewlett Packard - SOA Consultant 2/2010-6/2011

Steered the technical systems integration from the Alcatel-Lucent merger. Technical emphasis is in EAI, EDI, B2B and SOA. Responsibilities included: Managing new projects and enhancements, building regional management and administrative teams, defining enterprise architecture, managing project delivery across global centers, building and enhancing business processes, aligning customer expectations with HP's services, managing suppliers on collaborative efforts, strategic planning and more.

Nokia/AT&T – WebLogic Consultant 6/2009-2/2010

Work on the AT&T Address Book application using Nokia’s SyncML product to synchronize personal contact information via mobile devices and other input sources. Also worked on the SyncML-based synchronization engine behind ovi.com. Focused primarily on WebLogic tuning, monitoring and management details. Technologies used include WebLogic Application Server 10gR3, SNMP v2, Java SE 6 and JMX.

Procter & Gamble/Hewlett Packard – SOA Consultant 8/2007-9/2009

Built an international operations team to implement and manage a global P&G infrastructure in which numerous intranet applications across business divisions are deployed. Overhauled and fine-tuned J2EE infrastructure across 38 WebLogic Server instances (running ALSB, ALDSP, ALBPM and WLI). Created standards and governance procedures for technologies including Java, ALSB, XQuery, ALDSP, XML Schema and more). Trained developers and support staff in Warsaw, Bangalore, Manila, Costa Rica and Shanghai on BEA’s middle-tier technologies (in-depth) and how P&G has implemented them. Created detailed BEA operations manuals. Technologies used include AquaLogic Service Bus (ALSB 2.6), AquaLogic Data Service Platform (ALDSP 2.5), AquaLogic Enterprise Security (ALES 2.6), AquaLogic BPM (ALBPM 6.0), AquaLogic User Interaction (ALUI 6.1), WebLogic Server 8.1, WebLogic Server 9.2, WebLogic Integration (WLI 9.2), XML, XSL, XQuery, WSDL, SOAP, XPath, Subversion, JAVA, J2EE.

Saskatchewan Workers Compensation Board – WebLogic Consultant 3/2008-8/2008

Reorganized existing Java source code into a new set of standards. Upgraded WLI applications to most recent version (10.3). Created a new process & standard for development applications in WebLogic Workshop. Presented demos of AquaLogic Service Bus (ALSB 3.2) and AquaLogic BPM (ALBPM 6.0). Developed reusable application components for WLI and portal applications. Installed and configured Cruise Control for automated application builds. Technologies used include AquaLogic Service Bus (ALSB 3.2), ALBPM 6.5, Java EE 5, Java SE 5, Cruise Control, WebLogic Integration 8.1, 10.2 and 10.3, WebLogic Portal 10.2.

Starz/Encore – SOA Consultant 4/2007-8/2007

Helped define a Proof of Concept project for an upcoming in-house SOA-based application. Served to evaluate BEA and Microsoft technologies/products and how each of them could meet the needs of the PoC. Additionally worked with the Vongo operations team to slim and tune JBoss servers and clusters. Technologies used include AquaLogic BPM 5.7 (ALBPM), AquaLogic Service Bus (ALSB 2.6),AquaLogic Service Registry (ALSR), WSDL, JBoss, XML Schema, XQuery, XSL, XPath, Web Services, WS-I Basic Profiling, Java SE 5, J2EE 1.4, AquaLogic UI 6.1 (ALUI), AquaLogic Collaboration Server.

Dex Media/R.H. Donnelley – Enterprise Architect/Contractor 9/2006-4/2007

Led initiatives to bring architecture and development standards and governance into an environment with multiple autonomous applications. Introduced a comprehensive SOA-based enterprise architecture to span across projects for the entire organization. Coordinated and documented best practices for solutions-based development to be shared in the enterprise system. Additionally served in a solutions architect role to architect, develop and deliver several individual BPM-based projects requiring coordination between the Dex systems/processes and external applications and vendors. Technologies used include JAVA, J2EE, WebLogic 8.1.6 and 9.2 (WLI, WLS, WLW, WLP), AquaLogic Service Bus (ALSB 2.5), AquaLogic Interaction (ALI 6.1, Plumtree), AquaLogic Publisher 6.3, Web Services (WSDL, SOAP, WS-Security, WS-Policy, WS-I Basic Profile, WS-Addressing), XML, XML Schema, XML-Encryption, XML-Signature, XQuery, Hibernate, Oracle, JSF, Struts, UML.

Interlink/EMC2 – Senior Architect/Contractor 1/2006-9/2006

Upgraded 5-year old healthcare application to latest version of all technologies used. Application involved determining the benefits status for indigent care patients at public hospitals to numerous state and federal medical programs. Added Web Services functionality to process benefits applications, demographic data and physician information from numerous external systems. Additionally helped steer the company’s policies from developing the application as a solution to moving forward developing it as an off-the-shelf product with customizations. Extensive architectural documentation completed on existing and new functionality of primary application. Technologies used include JAVA 5.0, J2EE 1.4, Java EE 5 (evaluation), Web Services, XML Schema (XSD), XML, WSDL, JAX-RPC, JAXB, SOAP 1.2, JBoss Application Server 4.0.3 and 4.0.4, JBoss XB, SQL Server 2000 & 2005, Crystal Reports 9, SSL, Eclipse, Subversion, ANT, UML.

Wells Fargo – Senior Architect/Contractor 5/2004-12/2005

Work on the Wells Fargo Universal Workstation, re-architecting numerous backoffice applications into a single application for the customer support teams. As one of the initial team members, responsibilities included analyzing existing architecture and leveraging that knowledge in re-engineering process, designing/coding JAVA/J2EE-based application, architecting/automating build process, advising on team structure/responsibilities, educating new developers on existing application, XML messaging between numerous SORs and other life-cycle/hands-on development tasks. Technologies used include JAVA, J2EE (JDBC, Servlets, JSP, EARs, WARs), Oracle, WebSphere 5.0, Epiphany 6.5.2, Eclipse, HTTP, SOAP, Axis 1.1 & 1.2, ANT, XML, WSDL, XSD, XML Spy, SQL, ClearCase, ClearQuest, SSL, Apache and Web Services.

# Quovadx – Senior Architect/Consultant 5/2002-3/2004

Solely re-architected and developed the Quovadx corporate Website (all but the graphic design) to be a strong marketing and e-commerce tool, fully integrated with their CRM database. Designed, developed and deployed this J2EE-based Website with such features as online purchasing, email campaigns, automated WebEx Webinars, event reminders, streaming investor information, document publishing (data specifications, whitepapers, annual reports, etc.), Webcasts, requests for information, self-paced online education courses, user activity tracking and employee-based Website administration. Technologies used include JAVA, J2EE (JDBC,RMI,JMS,Servlets), Oracle, SQL Server, WebLogic, WebSphere, Oracle App Server, HTTP, SQL, SOAP, XML-RPC, ANT, XML, WebApps, UML, Solaris, NT

GDI Software – Senior Architect 11/2000-11/2003

Solely developed the most robust and flexible Universal Logging Server to handle the data collection needs of businesses of all sizes. This is a Java-based software package that works standalone or with existing standard and J2EE-enabled application servers to log data from ANY server, using ANY technology, ANYWHERE. The software allows companies to use a single line of code wherever their systems need to log data to a flatfile or database, and transmit the data across network and platform boundaries via RMI, JMS, XMLRPC, EJB, servlets, Apache SOAP and Weblogic’s RMI implementation. Future versions will support generating log data from systems using C++, Perl, Visual Basic, Corba, Tcl, and any other programming/scripting technology. PROJECT IS CURRENTLY ON HOLD.

Wells Fargo – Contractor 12/2000-5/2002

Work on the Wells Fargo Home Equity web site, developing distributed enterprise computing components using J2EE, XML, SQL Server, BEA Jolt and Weblogic 5.1. Worked in small team on one project to develop entity/session EJBs, servlets and JSPs to handle the processing of credit card, personal loan, home equity and pre-qualified offer applications. Sole developer on another project to develop a message routing system, and a system to handle decisioning data for personal loan applications. Technologies used include JAVA 1.2.2, J2EE 1.2.1 (EJB 1.1, JSP 1.0, Servlets 1.2, JTS 1.0), SQL Server 7.0, Jbuilder, BEA Weblogic 5.1, Apache ANT, XML., XSL, Xerces, Xalan.

XCare.net – Technical Lead/Senior Solutions Architect 10/1999-11/2000

Lead several teams in the design/development/deployment of numerous extranets in the e-health industry. Responsibilities include creating development teams, creating development/QA/deployment processes and standards, architecting/designing/developing/deploying medical extranets and Web sites, developing re-usable JAVA components, designing custom e-commerce transaction-based systems, setting up development/QA/staging environments, evaluating third-party software applications, leading entire development process, documenting systems extensively and more. Technologies used include JAVA 1.2.2, J2EE 1.2 (JDBC 2.0, EJB 1.1, JSP 1.0, Servlets 1.2, JTS 1.0), Oracle 8.1.6, Netscape iPlanet 4.1, BEA WebLogic 4.5.1 & 5.1, SSL, Rational Clear Case, Rational Rose, SQL, JavaScript 1.2, Solaris 2.6 & 2.7, NT 4.0 SP5, Apache, Stronghold, HTML 4.0, XML.

Janus Funds – Contractor 3/1999-3/2000

Worked with Customer Applications department to build and maintain numerous areas of the Janus Funds Web site based on the Netscape Application Server/JAVA framework and Oracle 8 standards in an NT/HP-UX environment. Developed an enterprise-wide log rotation/archiving process, implemented Java Server Pages/Servlet-based financial calculators, built an AppLogic, implemented a third-party Web reporting tool, developed a report rotation and repository schema, structured and developed the Finance Dept. Intranet site and restructured C++-based reports. Responsibilities/technologies include OOD, development, content formatting, JAVA, JSP, servlets, C++, SQL, JavaScript, Perl, NAS 2.1, NES 3.6, NT Server, networking, testing, FrontPage 98, Y2K testing, documentation.

IBM/Public Service - Contractor 6/1998-3/1999

Developed functionality on the Public Service Company web site whereby hundreds of thousands of customers can view their online bill and use a variety of online utilities, all based on JAVA servlets and JavaScript. Responsibilities included JavaScript development, JAVA programming, graphics, IIS 4.0/Index Server 2.0 administration, server backup, HTML, estimating, documentation and some design work.

# Mail-Well, Inc. - Contractor 11/1997-6/1998

Solely designed and developed an online employment database using Active Server Pages, IIS 4.0, HTML, Photoshop and Microsoft Access. Responsibilities included all aspects of Web design and development including research, strategy, logistics, design, coding, testing, deployment and documentation.

# Global Display, Inc. – Senior Architect 1995-present

Owner and operated of an Internet Development business of [formerly] 13 people developing small-to-large size Web sites – in the $10,000 - $200,000 range – for companies in the Denver-Metro area. Currently, the company focuses on large-scale Java-based enterprise applications. Responsibilities and technologies include all those listed in all work experience on this page, as well as accounting/finance, legal, research, strategic planning, development, management and other responsibilities that come with operating a business.

**Education**

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| --- |
| **University of Colorado – Executive MBA (2012)****University of Colorado at Boulder – Bachelor of Science – Business (1994-1998)** |
| **CFA Institute – Sat for the December 2011 Level I CFA Exam**Not current registered for another CFA course, but plan to continue studies in the coming years |

**Certifications**

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| --- | --- |
| **BEA Systems, Inc. (now Oracle)** | **BEA Certified SOA Enterprise Architect (Step 1of 3)** |
| **java_cert_assoc** | **Sun Certified Associate for Java Platform, Standard Edition**  |
| **java_cert_prog** | **Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0** |

**Foreign Languages**

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| **English** (primary)**Spanish** (fluent)**Mandarin Chinese** (6 months of study)**Japanese** (6 months of study)**Arabic** (3 months of study) |

**Computer**-**Related** **Skills**

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| --- | --- | --- |
| **Languages/APIs** | **Development Environments** | **Databases** |
| JAVA 1.1, 1.2, 1.3, 1.4, 5, 6 | Eclipse 2.1, 3.1 | Oracle 7, 8i , 9i, 10g, 11g |
| J2EE 1.2, 1.3, 1.4 | JDeveloper 11g | SQL Server 7.0. 2000 |
| Java EE 5, 6 | Epiphany Studio 6.5.2 | Sybase |
| JavaServer Pages - JSP | WebLogic Workshop 8.1, 9.2, 10 | Access 97, 2000 |
| Java ServletsJavaBeans | WebLogic Integration 8.1.6, 9.2, 10.2, 10.3 |  |
| BPEL | Borland J Builder | **Operating Systems** |
| JDBC | Visual Café 2.5, 3.1a | Windows 95/98/NT 4.0/XP/Server/7 |
| EJB, EJB3 | Visual J++ 6.0 | UNIX (Solaris 2.6, 2.7, 8) |
| Java Security/Cryptography | Sybase Power J 2.5 | RedHat Linux |
| JCE/JSSE | Cold Fusion |  |
| JDOM | Macromedia Flash 3 | **Graphics** |
| XML, XSL, XSLT, XPath,  | Macromedia Director 6 | Photoshop 5.0, MX, CS5 |
| XQuery | SQL Plus | Illustrator 8.0 |
| SSI | Dreamweaver 1.0 | Paint Shop Pro 5.0 |
| SQL | Rational Development Studio 1.5 | Numerous Miscellaneous Programs |
| Perl 5/Active Perl/CGI |  |  |
| JavaScript 1.0, 1.1, 1.2 | **Middleware** | **Additional** |
| XML-Encryption | WebLogic 5.1, 6.0, 6.1, 7.0, 8.1, 9.2, 10 | 18 Years Internet Development |
| XML-Signature | Oracle Fusion Middleware 11g | Mobile application development |
| SAML | AquaLogic BPM Suite 5.7, 6.0 | 20 Years Graphic Design |
| RMI | AquaLogic Service Bus (ALSB) 2.5, 2.6 | Full SDLC |
| JMS | AquaLogic Interaction (ALUI) 6.1 | SOA – Service Oriented Architecture |
| JMX MBeans | AquaLogic Service Registry (ALSR) | eCommerce |
| WS-AddressingWS-Security | AquaLogic Data Service Platform (ALDSP) 2.5 | BPM – Business Process ManagementObject-Oriented Design |
| WS-PolicyWS-I Basic Profile | AquaLogic Enterprise Security (ALES) 2.6 | Oracle iStore 11i |
| UML | JBoss Application Server 4.0.3, 4.0.4 | UNIX/Windows Scripting |
| SOAP 1.1, 1.2 | WebSphere Application Server 2.0, 5.0 | TextPad 4.0 |
| Web Services | Netscape Application Server 2.1 | Rational Rose, ClearQuest |
| WSDL, XML Schema (XSD) | Netscape Enterprise Server 3.6 | AutoCad 14 |
| JavaMail | Microsoft IIS 4.0/PWS | PageMaker 6.5 |
| Apache Axis | Allaire JRun | ipchains, iptables |
| JAX-RPC, XML-RPC | IE/Netscape | Crystal Reports 9 |
| Xerces/Xalan | Apache Web Server 1.3, 2.0 | VMWare, Virtual PC |
| JAXB, JBoss XB | Netscape iPlanet Web Server 4.1 | PVCS |
| AJAX |  | ClearCase |
| HTML | **Internet/Intranet** | CVS |
| SNMP | SSL 2.0/3.0 | Microsoft SourceSafe |
| MTOM | Cookies | Subversion |
| Android SDK | FTP, SMTP, TCP/IP, HTTP, HTTPS | 3-Tier Architecture |
|  | Distributed Web Architecture | Client/Server |
| **Experimental** | Web-based audio/video |  |
| WebGL |  |  |
| Three.js |  |  |
| XBRL |  |  |

**Project Summary**

# TMF Health Quality Institute – SOA/Integration Architect

Migrated and enhanced BPEL processes and SOA composite applications which pre-process Medicare claims from Medicare Authorized Contractors (MACs) of Blue Cross Blue Shield of Florida for use in payment dispute resolution. Clustered prior version of the application. **TECHNOLOGIES USED**: Oracle Fusion Middleware 11g (Oracle BPM Worklist, Oracle SOA Suite, WebLogic Server), XML, WSDL, JCA, XSD, Subversion.

# URS Corporation – SOA/Integration Architect

Designed, developed and deployed a service-based architecture to provide a cloud-based view of corporate information to all line-of-business applications. Collaborated on the definition of a “URS API” to normalize data across ERP systems, CRM, HRMS and other applications. Developed standards and best practices for Java, XML, XQuery, Web Services and other technologies. Installed and configured DEV, TEST and PROD environments running Oracle Fusion Middleware. Developed fast-performing services will full monitoring, error handling, auditing, security and other enterprise-grade infrastructure features. **TECHNOLOGIES USED**: Oracle Fusion Middleware 11g (Oracle Service Bus, Oracle SOA Suite, WebLogic Server), Oracle AIA Foundation Pack, JMX, JMS, XML, WSDL, XQuery.

# Nokia/AT&T – WebLogic Consultant

Trained Romanian development team on the inner workings of WebLogic, the application server on which the AT&T Address Book runs. Provided insight on managing and monitoring the runtime application using JMX and SNMP. **TECHNOLOGIES USED**: Application Server 10gR3, SNMP v2, Java SE 6 and JMX.

# Procter & Gamble Symphony – SOA Consultant

Influenced, guided and implemented a large-scale SOA-based infrastructure for several projects & applications in a high-volume environment. **TECHNOLOGIES USED**: AquaLogic Service Bus (ALSB 2.6), AquaLogic Data Service Platform (ALDSP 2.5), AquaLogic Enterprise Security (ALES 2.6), AquaLogic User Interaction (ALUI 6.1), WebLogic Server 8.1, WebLogic Server 9.2, WebLogic Integration 9.2, XML, XSL, XQuery, WSDL, SOAP, XPath, Subversion, JAVA, J2EE.

# Saskatchewan Workers Compensation Board – WebLogic Consultant

Upgraded a claims processing application to current version of WebLogic Integration and WebLogic Portal. Created some development standards. Conducted Proof of Concept for claims system functionality using ALBPM and ALSB. **TECHNOLOGIES USED**: AquaLogic Service Bus (ALSB 2.6), WebLogic Server 8.1, WebLogic Integration 10.2 & 10.3, WebLogic Portal 10.2, WebLogic Workspace 1.1, Cruise Control, CVS, JAVA, J2EE.

# iModerate – Architect/Developer

Project with a truncated delivery schedule completed on-time. Project included reading information from Microsoft Excel files via the Apache POI API and storing in a MySQL database, creating an interface to search the data and generate reports based on user-entered criteria. Reports were then written to Word and Excel files. **TECHNOLOGIES USED**: Java SE 5.0, servlets, JSP, JBoss 1.4.2, Apache POI, JavaScript, AJAX, MySQL, Excel, Word, VMWare.

# www.dexonline.com – Enterprise Architect/Solution Architect

In addition to overall enterprise architecture, solutions architecture deliverables include multiple dexonline.com projects that assign geocodes from external vendors to street addresses (so they can be pinpointed on a map), retrieving and stitching together book-based advertising images to be displayed online, creating a system-wide exception/error management system to track user- and system-related issues and reverse-engineering 2 autonomous applications into a single portal to be used corporate-wide. **TECHNOLOGIES USED**: Java 1.4.2, J2EE 1.4 (EJB, Servlets, JSP), WebLogic 8.1.6 (WLI, WLS, WLW), WebLogic 9.2 (WLS, WLW), AquaLogic Service Bus 2.5, AquaLogic Interaction 6.1, AquaLogic Publisher 6.3, Web Services (WSDL, SOAP, WS-Security, WS-Policy, WS-I Basic Profile, WS-Addressing), XML, XML Schema, XML-Encryption, XML-Signature, XQuery, Hibernate, Oracle, JSF, Struts, UML.

# Interlink/EMC2 HealthTrack – Senior Architect

Application that checks the availability of benefits programs (Medicaid, Medicare, state programs, etc.) for indigent care patients at public hospitals. This helps public hospitals receive payments form benefits providers rather than writing the care off as charity work. Primarily steered the program from a custom solution to an “off-the-shelf” product by coordinating multiple teams’ development efforts and adding/modifying functionality to be a configuration-based application. **TECHNOLOGIES USED**: JAVA 5.0, J2EE 1.4 (JDBC, Servlets, JSP, EARs, WARs), Web Services, JAX-RPC, JAXB, JBoss Application Server 4.0.3, JBoss XB, Eclipse, HTTP/HTTPS, SOAP 1.2, ANT, XML, Xalan/Xerces, WSDL, XSD, XML Spy, SQL, SQL Server 2000 & 2005, Crystal Reports 9, Rational Rose, Subversion, SSL, UML, Virtual PC, Virtual Server

# Wells Fargo Universal Workstation – Senior Architect/Developer

Numerous backoffice applications re-engineered into a single JAVA-based application for modifying user accounts, ordering checks and check products, modifying customer information, processing undeliverable mail, printing envelopes and several other banking customer support needs. **TECHNOLOGIES USED**: JAVA, J2EE (JDBC, Servlets, JSP, EARs, WARs), Oracle, WebSphere 5.0, Epiphany 6.5.2, Eclipse, HTTP, SOAP, Axis 1.1 & 1.2, ANT, XML, Xalan/Xerces, WSDL, XSD, XML Spy, SQL, ClearCase, ClearQuest, SSL, Apache, Web Services.

# Universal Logging/Messaging Server – Sole Architect/Developer

Application that allows data to be logged remotely or in a distributed environment to databases or flatfiles based on a messaging framework, using ANY technology (although only currently implemented in JAVA), on ANY server, ANYWHERE, with a single line of code. **TECHNOLOGIES USED**: JAVA, J2EE (JDBC,RMI,JMS,Servlets, JNDI), JMX, Oracle, SQL Server, WebLogic, WebSphere, Oracle App Server, HTTP, SSL, SQL, SOAP, XML-RPC, ANT, XML, WebApps, UML, Solaris, NT, SSH

###### **Quovadx Website/Webstore – Senior Architect/Developer**

Re-architected the former XCare.net Website into the new Quovadx Website. Functionality included: Integration with CRM database, tracking user Website activity, processing web-based requests for information, displaying Investor information via XML feeds, event reminders, Webinar registration/attendance, online purchasing of software, Webcasts, online administration and online education courses. **TECHNOLOGIES USED**: JAVA, J2EE (JDBC, RMI, Servlets, JSP, JavaMail), JavaScript, HTML, SQL, HTTP, XML, Connect-Care, Oracle 9i, Oracle iStore, Apache, WebLogic, WebApps, SOAP, ANT, CVS, Solaris, NT, SSH

# Wells Fargo Application Processor – Architect/Developer

Worked on numerous projects, some as developer, some as architect/lead. Primary project was internal system which processed ALL applications via Website or teller terminal for mortgages, checking accounts, personal loans, home equity loans, etc. **TECHNOLOGIES USED**: JAVA, J2EE (Entity EJB, Session EJB, Servlets, JSP, RMI, JDBC, JTA), JavaScript, HTML, WebLogic, ANT, SQL Server, XML, XSL, XSLT, Xalan/Xerces, Visual SourceSafe, UNIX, NT

# Proxy Tunnel – Sole Architect/Developer

Web-based application that allows users to surf the Internet anonymously, securely, and from behind blocked firewalls. TECHNOLOGIES USED: JAVA, J2EE (JDBC, RMI, JSP, Servlets), JavaScript, HTML, JMX MBeans, ANT, XML, Apache, Oracle, WebLogic, JBoss, SQL Server, HTTP, HTTPS, WebApps, EARs (Enterprise Applications), Security technologies, Linux, NT, ipchains, iptables, SSH, AJAX

# Load Tester – Sole Architect/Developer

Application that simulates HTTP requests to a server. **TECHNOLOGIES USED**: JAVA, HTTP, ANT

# Encryption Utilities – Sole Architect/Developer

Miscellaneous utilities to handle encryption processes, such as public/private key generation, encoding, decoding, etc. **TECHNOLOGIES USED**: JAVA, ANT, SSL, RSA, Blowfish

# Database Utilities – Sole Architect/Developer

Miscellaneous utilities that get down into the core workings of JDBC and assist with communications between JAVA applications and SQL Server or Oracle databases. **TECHNOLOGIES USED**: JAVA, JDBC, Oracle, SQL Server, ANT

# Nursefinders Website – Senior Technical Lead/Architect/Developer

Corporate Website that assists medical staff with finding temporary jobs. Main functionality was the personalized area where users log in and can customize the features of their member area, very similar to My Yahoo! **TECHNOLOGIES USED**: JAVA, J2EE (Entity EJB, Session EJB, JSP, Servlets, JDBC, JTA), JavaScript, HTML, SQL, iPlanet, WebLogic, Oracle Rational Rose, Rational Clear Case, Apache, Stronghold, XML, XSL

# Expert Practice Website – Senior Solutions Architect/Developer

Corporate Website with features to assist medical companies with managing their own practices, such as pre-populated forms, managing benchmarks, credential verification, member eligibility/verification, etc. **TECHNOLOGIES USED**: JAVA, J2EE (Servlets, JSP, JDBC), HTML, JavaScript, SQL, WebLogic, Apache, Oracle, ANT, Solaris, NT

# APS Healthcare Website – Senior Technical Lead

Database-driven, personalized Website. Similar features to My Yahoo! where members have a customizable personalized home page. Other main functionality was the ability of the Website administrators to manage all of the content via the database, so no HTML or coding experience was necessary. **TECHNOLOGIES USED**: JAVA, J2EE (Entity EJB, Session EJB, Servlets, JSP, JDBC, JTA), HTML, JavaScript, SQL, XML, XSL, XSLT, Apache, WebLogic, Oracle, Solaris, NT

# Janus Funds Website – Developer

Worked with team on functionality to trade Janus Funds online. Also worked on the Janus Asset Builder – an online utility to manage a member’s personal assets. Also helped with Y2K testing. **TECHNOLOGIES USED**: JAVA, J2EE (Servlets, JSP), Netscape Enterprise Server, Netscape Application Server, C++, JavaScript, HTML, PVCS, FrontPage

# Janus Funds Log Rotator – Developer

Perl-based log rotation program. TECHNOLOGIES USED: Perl

# Xcel Energy Appliance Usage Calculator – Developer

Web-based program for users to calculate their estimated monthly utility bill by calculating usage of light bulbs, refrigerators, small appliances and other energy-using assets. **TECHNOLOGIES USED**: JAVA, J2EE (Servlets), HTML, JavaScript, IIS, Photoshop, DB2

# Disk Jockey.org Website – Sole Architect/Developer

Website where users can create a customized playlist for reunions, weddings and other DJ-related events in the Chicagoland area. **TECHNOLOGIES USED**: JAVA, J2EE (JDBC, Servlets), HTML, JavaScript, SQL

# Image Thumbnailer – Sole Architect/Developer

Utility to turn create thumbnail-sized images for GIFs and JPEGs. **TECHNOLOGIES USED**: JAVA, ANT

# Mail-Well Online Employment Database – Sole Architect/Developer

Intranet-based Web application for Mail-Well employees to post and search job postings within the company. **TECHNOLOGIES USED**: ASP, VBScript, IIS, HTML, Microsoft Access, Photoshop

###### **Miscellaneous Web sites – Sole Architect/Developer**

ARC Colorado, Boulder County Farmer’s Market, Trek Alliance, Island Hemp Wear, Gateway Fun Park, GDI Software and more.