



JAVA™ TECHNOLOGY

# Greg Sandell

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Sun Microsystems  
CERTIFIED

Web  
Component  
Developer

## SUMMARY OF QUALIFICATIONS

Ten-year professional web developer encompassing server-side and front-end skillsets. Full life-cycle J2EE web project experience for major clients in financial, educational, travel, defense and advertising sectors. Proficient in growth technologies, Open Source, standards-based practices, and integrating across diverse systems and team skillsets. Strong proponent of high standards of front-end development practices and presentation quality. Experienced with team-coordination software and processes, and a quick starter.

## SKILLSET SUMMARY

Areas of strong expertise and experience: Java 1.5, Servlets, Struts, JSP, JSTL, PHP, XML, XSLT, XSD, Tomcat 5/6, Oracle OAS, Apache, SQL (Oracle, MS SQL Server and mysql), Jakarta Commons, Ajax (Prototype), CSS, HTML, Javascript, DOM scripting, IntelliJ, Ant, Subversion (svn), CVS, Jira and Maven 2.

## EMPLOYMENT HISTORY

### iCrossing (Chicago)

Oct 08 - Present

Basis: W2/Direct Hire

Sr. Software Engineer

- Support flagship software platform 'Merchantize' that manages Paid Search and Pay-per-click ad campaigns for clients
- Develop code in Java 1.5 on J2EE platform including Tomcat 5, Mysql, Struts2/Webwork, OGNL, and Quartz. Development tools include IntelliJ 8.1, Confluence, Campfire
- Team uses Agile/Scrum methodologies, including daily meetings, test driven development, 2-week iterations and continuous integration. Use tools svn, Jira, Fisheye, Greenhopper and Bamboo
- iCrossing is the number one ranked Search Marketing Firm (Ad Age, 2009) and top ranked in the Forrester Wave report on Search Marketing Firms (Q1, 2009)

### Tribune Interactive (Chicago)

Feb 08 - Oct 08  
Sr. Internet Applications  
Developer

Basis: W2/Direct Hire

- Supported central web software and content management behind all of Tribune Corp's newspaper, radio and television websites, including Chicago Tribune, LA Times, Red Eye
- Developed code in Java 1.5 on J2EE platform including Oracle Application Server 10g, Oracle DB 10g, FAST search server, Sun Webserver (iPlanet) and TopLink 9.0. Development tools include IntelliJ 6.0, svn, Borland Starteam, Toad, Squirrel SQL Client, Cruise Control, Enterprise Architect 7
- Created scheduled jobs for sweeping expired database content
- Worked with SEO Manager to optimize sites for favorable Google positioning, created daily, weekly and 30-day sitemaps
- Supported web services for user registration and Mobile feeds
- Created JMeter test plans and reporting tools to compare performance before and after software changes
- Wrote Product Development specs, deployment and QA test plans
- Actively deployed apps in server farm environments with separate environments for dev, qa, design, test and prod.

### UBS Investment Bank, Equities (Chicago)

Mar 07 - Feb 08  
Developer/Analyst

Basis: W2 through [Harmer Associates](#)

- Developer for web tier of Pinpoint, UBS's Level-2 Direct Market Access Electronic Trading platform. 25-member team spread across Chicago, Stamford and London offices
- Develop code in Java 1.5, JSP, JSTL, SQL and Ajax on platform including Tomcat, MS SQL Server, Oracle. Development tools include IntelliJ, Maven 2, svn, Toad, SQL Server

Management Studio, Fiddler, Firebug, Jira and Confluence.

- Develop reports on daily trading activity using dynamic creation of (1) PDFs with iText, (2) plots with jFreeChart and (3) MS Office docs with Poi.
- Maintain and enhance admin pages for job scheduling, web service monitoring, exchanges, destinations and permissions. Use Prototype and Scriptaculous javascript libraries to provide high-touch Ajax functionality. Develop specifications for stored procedures (SQL Server) and write DAOs to interface them with Java code.
- Maintain Maven-2 based build environment and provide expertise to other teams using Maven. Also write custom Maven plug-ins in java (mojos) to customize build cycle (e.g. added javascript crunching).
- Jira installation/maintenance including custom Jira plugin programming in java

### **Lockheed Martin/US Air Force** (Chicago)

Jul 06 - Jan 07

Basis: W2 through [Roundarch, Inc](#)

Sr. Consultant Developer

- Java Developer on projects for Lockheed's GCSS contract (Global Combat Support Systems) with the US Air Force, supporting Data Services and the AF portal ([www.my.af.mil](http://www.my.af.mil)).
- Supported various 3<sup>rd</sup> party components, including Broadvision portal and content management, Tivoli Webseals, and Autonomy Search Engine for all enhancements and bug fixes for AF Portal
- System designer and lead web developer for *Self Service Data Access Request* project, a front-end tool for accessing a variety of Air Force Data Warehouses. Wrote code in Java, JSF, Struts, jFreeChart, SQL, CSS & Ajax for platform including Tomcat, Websphere, Oracle, mysql, Powercenter and Informatica. Used IntelliJ, Eclipse, Oracle client, Mantis and CVS development tools.
- Led major Autonomy version upgrade (v.4 to v.5), implementing spellchecking and integrating content deletion across Broadvision and Autonomy.
- Prepared technical docs for step-by-step guidance of installs and upgrades performed by staff at remote server locations.

### **American Express Global Travel Technologies** (Phoenix, AZ)

Jan 06 - Jul 06

Basis: corp-to-corp through [18<sup>th</sup> Street Consulting](#)

Sr. Java Developer

- Developer for the Travelbahn software group, handling programming for web-based apps for Corporate Travel management. Systems supported: Traveler Profile, Pre-Trip Authorization and Web ID Client tool.
- Performed System Analysis and planning for a migration of all web application from in-house MVC framework to Struts. Prepared business & tech docs for enhancements & releases.
- Wrote code in Java, JSP, JSTL, Stored Procedures and Ajax for platform including Tomcat, Oracle, TopLink, Amadeus, Apollo, Galileo, Sabre, and Worldspan.
- Telecommuted from home and coordinated with team through VPN/chat/conference calls

### **ABN AMRO** (Chicago)

May 05 - Jan 06

Basis: W2 through IT vendor [Spry Solutions](#)

Sr. Java Developer

- Java developer for *MaxTrad*, a web-based software suite with single point access to initiating import letters of credit, purchase order management, supply chain management, and preparation of export documents. See [www.maxtrad.com](http://www.maxtrad.com).
- Developed presentation-layer for the Import Letter of Credit workflow, including multi-tabbed forms with over 50 dynamically-generated input fields. Wrote code in Java, JSP, JSTL, Struts and Ajax on platform including EJB, Websphere, Oracle and SQL Server. Development tools included WSAD, CVS and Harvest.
- Worked onsite at client ABN-AMRO (NYSE:ABN, \$670 bil total assets).

### **Institute for the International Education of Students** (Chicago)

July 03 - May 05

Basis: W2/direct hire

Web Software Engineer

- Architected company website ([www.IESAbroad.org](http://www.IESAbroad.org)) replacing an older and increasingly brittle ASP/IIS system. Developed XML-based content management system and a flexible, extensible page templating system around 40 different study abroad programs in 26 centers in 19 countries
- Wrote code in Java, JSP, Struts, Tiles, XML, XSL and Ajax on platforms involving Tomcat,

Apache, Oracle, mysql and Empower. Development tools included IntelliJ, CVS, svn, jira, bugzilla

- Developed Online Application and Catalog Request, two high-volume, multi-step webapps critical for company revenue.
- Managed technical requirements using Bugzilla and Jira to coordinate between technical and marketing teams.
- Developed company's web branding Style Guide in collaboration with Design & Marketing
- Managed builds and promotions to preview and production web servers using svn, bash and scp

### **UBS Warburg** (Chicago)

Feb - Mar 03

Basis: W2 through IT vendor [Adecco](#)

Java Developer

- Developed Get It!, a web-based software procurement workflow application now in wide use across the organization. Wrote code in Java, JSP & Ajax on a Tomcat, Oracle 9i and Documentum platform. Development tools included NetBeans, Clearcase

### **Expand Beyond Corp.** (Chicago)

Jun 02 - Jan 03

Basis: W2/direct hire

Web Developer

- Worked on flagship software product PocketDBA with 7-member Agile-based Java team. Practiced test-based coding, pair-programming, daily stand-ups, and bi-weekly releases.
- Responsible for web-based tools for configuring product and provisioning licenses, and company website. Coded in Java, JSP, PHP, Stored Procedures, DTS Packages and Ajax on platform including Tomcat, Apache, Oracle, SQL Server and mysql. Development tools included IntelliJ, NetBeans, Bugzilla and Clearcase.
- Created pre-launch Quality Control plans by developing use cases and acceptance tests, working with QA manager.

### **Quebecor World** (Itasca, IL)

Dec 01 - Jun 02

Basis: W2, recruiter placement

Web Developer

- Wrote and supported web-based Human Resources self-service applications (employee 401k self-management, personal data)
- Wrote code in PHP, Lawson client-server and Ajax on platform including Apache, Lawson and Oracle. Development tools included CVS, PVCS, Visual Source Safe.
- Developed an RSA Encryption layer for integration between Lawson ERP and outsourced web layer for management of Putnam 401k financials
- 40,000-employee print industry giant with \$1.6 bil revenues. NYSE:IQW.

### **Maytag Corp** (Chicago)

Aug 00 - Aug 01

Basis: W2 through Giant Step

Sr. Web Application Engineer

- Team lead (13 developers) for major design and technology overhaul of Maytag Corp's website and online product catalogue.
- Architected and developed the approaches for authentication, membership architecture, session management, cookie-management, URL-rewriting, auto-signin and sticky routing on Broadvision platform.

### **Giant Step Productions LLC** (Chicago)

Apr 99 - Aug 00

Basis: W2/direct hire

Sr. Web Application Engineer

- Leo Burnett/Publicis-owned full-service web integration company (200-employees), now under name Arc Worldwide
- Team lead (13 developers) for major design and technology overhaul of Maytag Corp's website and online product catalogue. Architected and developed the approaches for authentication, membership architecture, session management, cookie-management, URL-rewriting, auto-signin and sticky routing on Broadvision platform.
- Consulted for Allstate.com to transition their dynamically-generated agent homepages (20,000 agents) from MS-Access backend to DB2 and manage content with ePrise system
- Developed numerous lead-generation and sweepstakes sites for clients Purina, Oldsmobile, Procter & Gamble, Vidal Sassoon, written in ASP, Javascript and Stored Procedures on IIS and MS SQL Server platform. Development tools included Visual Studio, Source Safe and in-

- house bug tracking tool
- Coordinated with teams encompassing the full spectrum of web business (Design, Hosting, QA, User Experience, etc.). Developed coding standards and a month-long mentoring process for new employees.

**Taproot Interactive Studio** (Chicago)

Sep 98 - Apr 99  
Lead Programmer

Basis: W2, recruiter placement

- Developed ASP-based E-commerce website for golf retailer Edwin Watts ([www.EdwinWatts.com](http://www.EdwinWatts.com)) and supported Perl-based E-commerce sites for Successories and Pace Communications. One site produced \$268k in sales in first three months
- Designed MS-Access database to store products, customer data and purchases and ASP/IIS programming for online catalog, shopping cart, product features and third-party online payment software

**Loyola University, Parmly Hearing Institute** (Chicago)

Apr 95 - Sep 98  
Research Associate

- C, Java, X-11 Motif programming for experiments in hearing research

**Sussex University, Experimental Psychology** (Brighton, England)

Apr 93 - Apr 95  
Research Associate

- C, Macintosh programming for experiments in hearing research

**University of California** (Berkeley)

Jan 92 - Apr 93  
Research Fellow

Center for New Music & Audio Technologies

- Position funded by winning Hunt Fellowship from the Acoustical Society of America
- Research & Development of music synthesizer technology
- C programming on Sparc and NeXT computers

**Northwestern University** (Evanston, IL)

Sep 89 - Dec 91  
Programmer

Institute for the Learning Sciences

- LISP, X-11 and Macintosh Think-C programming for multimedia educational apps
- Wrote Digital Signal Processing code for interactive voice recording and analysis for client Ameritech

**CERTIFICATIONS, COURSES AND TRAINING**

No Fluff, Just Stuff Conference, Itasca, IL	Nov 06 & Nov 07
Autonomy Search Engine Developer Training (1 week, San Francisco)	Aug 06
Sun Certified Web Component Developer for J2EE 1.4 (SCWCD)	March 05
Sun Certified Programmer for the Java 2 Platform 1.4 (SCJP)	April 04

**EDUCATION**

PhD in Music Theory, Northwestern University - Evanston, IL  
 MA in Music Theory, Eastman School of Music - Rochester, NY  
 Bachelor of Music, Piano Performance, California State University - Los Angeles, CA

**SKILLS MATRIX**

*Italics indicate recent, in-depth experience (2008)*

Application Servers		Languages	
<i>Oracle App Server 10g</i>	<i>Sun One (iPlanet)</i>	<i>Java 1.4, 1.5</i>	<i>SQL</i>
Tomcat 5 & 6	Websphere	[D]X]HTML	Bash/csh
Apache	Autonomy	XML/XSLT	CSS
Broadvision	SiteMinder	JavaScript	JSP, JSTL
MS IIS	Tivoli Webseals	PHP	ASP
jBoss	Empower	C	Perl
		Ruby	

Development Tools	Libraries	Jakarta Commons
<i>Intellij IDEA 6</i>	<i>SVN (subversion)</i>	Lang
Maven 2	Ant	DBCP
Cygwin	Toad for Oracle	Configuration
vi/Vim	SQL Server Mgr	Collections
		JDom
		log4j
		jFreeChart
		Scriptaculous

Jira Confluence Eclipse Rational Clearcase Visual Source Safe Visual Studio Websphere WSAD WinMerge jEdit	Fiddler Firebug CA Harvest CVS XMLSpy Mantis DBVisualizer Putty Bugzilla <i>Starteam</i>	Prototype iText (PDFs) Poi (Java/MS Office) Saxon Struts/tiles Xerces Xalan PHPLib	
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<b>Productivity</b>	<b>OS</b>	<b>DBs and ORMs</b>	
MS-Word MS-Excel MS-Project MS-Visio GIMP	XP Pro & Vista Unix/Linux Solaris	<i>Oracle</i> <i>TopLink</i> MS SQL Server mysql	MS Access JDBC ODBC Hibernate