



JAVA™ TECHNOLOGY

Greg Sandell

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Sun Microsystems
CERTIFIED

Web
Component
Developer

SUMMARY OF QUALIFICATIONS

I am a twelve-year senior developer of Java enterprise web applications with particular depth in Core Java, J2EE/JEE, UI, Javascript, jQuery, Databases, Maven, Configuration Management, Unix, Agile and Open Source. I have worked for Reuters, Chicago Tribune, UBS, Amex, Lockheed-Martin in vertical markets including media, travel, finance, defense, healthcare, eCommerce and education. I hold a PhD degree and am highly effective at communications, writing and presentations.

OBJECTIVES

Work in a software delivery role to provide robust enterprise web applications emphasizing development of SaaS web services and RIA interfaces. Seeking positions in downtown Chicago or nearby with minimal travel.

EMPLOYMENT HISTORY

Thomson-Reuters Healthcare & Science (Evanston, IL)

Apr 2010 - Present

Basis: Converted to FT/Perm after contract

Sr. Software Engineer

- Create rich, intuitive, high-touch Ajax user interfaces and reusable widgets for CareDiscovery, a Business Intelligence tool for the Healthcare Industry.
- Create servlet- and portal-based enterprise web applications for IBM Websphere Portal 5, Tomcat 6 & Glassfish in mixed JEE 6 and J2EE 1.4 environment.
- Practice Agile principles including scrum, 3-week iterations, TDD, Continuous Integration
- Develop SaaS components in Java and Ajax communicating over a JSON-based service bus
- Write User Interfaces and Ajax in Javascript & jQuery, promoting reusable patterns, functional programming, and closures
- Develop jQuery plugins for reusable UI widgets
- Integrate Cognos reports into application using Cognos Javascript API and iFrames
- Author PL/SQL queries in Toad that work against a 4 TB Oracle OLAP (Data Warehouse) database, for deployment in Web Services
- Collaborate with the ETL/ Informatica team to determine the necessary data models and UI designs to support Cognos reports.
- Develop Maven plugins and perl scripts to streamline build process
- Work within HIPAA regulations to secure applications and databases using RSA, TAM, and Oracle Proxy Authentication.
- Break down business requirements into tightly defined software module specifications/estimates & document them on Wiki.
- Write functional prototypes of web interfaces using JSON to simulate Server layer
- Develop portal applications for IBM Websphere Portal Server and deploy with WPS Admin
- Helped transition team from waterfall to agile approach by introducing Maven2, Artifactory Repository Server, Hudson Continuous Integration, Mercurial source control and TDD practices.
- Other technologies not mentioned above: Eclipse, CVS, Rally, JSP, JSTL, Ant, Firebug, Spring MVC/IOC/JDBC, GWT, Struts 1.2, Tiles

iCrossing (Chicago)

Oct 08 - Mar 2010

Basis: W2/Direct Hire

Sr. Software Engineer

- Core Java and JEE Developer for Merchantize, a Business Intelligence tool and front end to third party APIs to manage and report on client's Paid Search campaigns for Google, Yahoo, Ask & MSN
- Client list of Merchantize users included Hilton, Sears, Gap, Land's End, Lego, Wms Sonoma

- Developed code in Java 1.5 on J2EE platform including Tomcat 5, Mysql, Spring, Struts2/Webwork, JSP, OGNL, Perl, and Quartz.
- Wrote Java modules in Apache POI to generate dynamic Excel documents for custom reports as request by internal or external clients
- Perl scripting an XML processing for daily incoming and outgoing feeds; troubleshooting 3-tier daily feed lifecycle for client Sears
- Was local expert for resolving character conversion problems (UTF-8, Latin1 and WinLatin1)
- On regular rotation for bi-weekly release of product across 10 different Linux servers
- Developed GUI-based reports in Java, SQL and in-house XML DSL against an 80 gb Data Warehouse; added drills, tabs, formulas, filters
- Maintenance of Paid Search backend data: repairing syncs with Google Adwords, cleaning duplicate entries, bulk keyword deletes, bulk cost-per-click changes
- Mysql administration: exporting & importing DB snapshots, resolving data integrity issues
- Agile-based development team, daily scrums, TDD, 2-week iterations and continuous integration. Use tools IntelliJ, Eclipse, svn, Jira, Confluence, Fisheye, Greenhopper, Campfire, Crucible and Bamboo

Feb 08 - Oct 08

Tribune Interactive (Chicago)

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
- Developed code in Java 1.5, JSP, JSTL, JDBC, 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.
- Developed reports on daily trading activity using Apache Poi.
- Maintained and enhanced admin pages for job scheduling, web service monitoring, exchanges, destinations and permissions. Used Prototype and Scriptaculous javascript libraries to provide high-touch Ajax functionality. Developed specifications for stored procedures (SQL Server) and wrote DAOs to interface them with Java code.
- Maintained Maven-2 based build environment and provided expertise to other teams using Maven. Also wrote 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

Roundarch, Inc (Chicago)

Jul 06 - Jan 07
Sr. Consultant Developer

Basis: W2/Direct Hire

Supported the AF portal (www.my.af.mil), contracting through Lockheed-Martin. Java, Broadvision, Autonomy, Oracle, Ajax.

American Express Global Travel Technologies (Phoenix, AZ) Jan 06 - Jul 06
Basis: corp-to-corp through [18th Street Consulting](#) Sr. Java Developer
Supported web-based apps for Corporate Travel management. Java, JSP, Tomcat, Oracle.

ABN AMRO (Chicago) May 05 - Jan 06
Basis: W2 through IT vendor [Spry Solutions](#) Sr. Java Developer
Developer for *MaxTrad*, web-based international import letters of credit application. Java, JSP, Struts, EJB, Websphere, Oracle, SQL Server, Websphere/WSAD.

IES Abroad (Chicago) July 03 - May 05
Basis: W2/direct hire Web Software Engineer
Architected overhaul of company website and creation of CMS. Java, JSP, Struts, Tiles, XML, XSL, JDBC, Tomcat, Apache, Oracle, mysql.

More detail on these and earlier positions can be found at gregsandell.com/resume

CERTIFICATIONS, COURSES AND TRAINING

No Fluff, Just Stuff Conference, Itasca, IL	Nov 07, 08 & 09
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