

# Greg Sandell

Los Angeles, CA

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## Skills

I have over ten years experience in Full Stack Development of web-based applications, playing a delivery role in medium to large enterprise projects in NodeJs, Java and Open Source environments. I focus on the Front End programming logic for transactional web pages, Automated UI tests and deploying designs in HTML5 and CSS3.

**Technology stack** (ordered roughly by recency and strength): Javascript/ES6/NodeJs, React 15, Redux, Web pack, Git, GitHub, BitBucket, npm, yarn, AWS, Linux, Yum, AngularJS 1.4, Nightwatch, InternJS, Selenium, BrowserStack, HTML5, CSS3, Postman, Advanced Rest Client, nginx, sqlite, Bootstrap, SASS, jQuery, Firebase, Jenkins, Nexus, Artifactory, Bugzilla, Jasmine/Mocha/Sinon/Chai, LaunchDarkly, WebStorm, Rally, Sencha ExtJS 4.0.7, Atlassian code tools, Eclipse, Oracle, Stored Procedures, Maven 4, Tomcat 6, GlassFish 3.1.2, JEE 6, JSP, MySQL, SQL Server.

## Experience

OCT 2017 – PRESENT

**Crocs Inc., remote** — *Software Development Engineer in Test*

- Write web applications in React/Redux to support internal teams at Crocs
- Create NodeJs Automated UI tests in InternJS/BrowserStack against the Salesforce-based crocs.com eCommerce workflow, including coverage for major browsers and mobile devices
- Write custom QA Automation APIs to simplify test writing and make latency, asynchrony & race condition issues transparent to client code
- Write middleware code and REST services in React, sequelize, sqlite, Firebase
- Manage, configure and deploy production apps with AWS, Linux, nginx, bash scripts
- Interface with eCommerce shopping APIs: PayPal, SVS Giftcards, Adyen, CardConnect, Signal, Kount

AUG 2017 – NOV 2017

**UC Irvine / Trilogy Ed** — *Part Time Course Instructor*

- Instructor for “Fullstack Developer” bootcamp, teaching HTML, CSS, Git, Bootstrap, Javascript, jQuery, Ajax, Firebase, Node.js

APR 2016 – JUNE 2017

**Ten-X, Irvine, CA** - *Sr. Software Engineer*

- Developed presentation layer and application logic for hosted web application *auction.com*, a Real Estate auction transaction platform
- Responsible for features Search & Discovery, Event Details, Calendar, User prefs and personalization, and Home page written in AngularJS 1.4, React/Redux, ES6, ArcGIS, and Python
- Wrote QA Automation tests using Selenium and Nightwatch (demo: <http://bit.ly/2wUjFcS>)
- Design and troubleshooting of REST and JSON-based backend, services, Omniture tracking to and LaunchDarkly feature flags

OCT 2015 - MAR 2016

**John Deere, remote** - *Front End Developer Consultant*

- Developed AngularJS controllers, views, directives and services for hosted web application 'Sales Center', a 'build-a-Deere' tool for sales reps
- Wrote test coverage in Mocha, Sinon and Chai
- Collaborated with Back End team on design and troubleshooting of REST/JSON-based services

NOV 2014 - AUG 2015

**CyberCoders, Irvine, CA** - *Front End Java Developer*

- Developer for hosted web application 'Compass', a CRM platform for Recruiters.
- Created UI widgets and application logic for workflow tools in Sencha ExtJS 4.0.7 Javascript
- Wrote backend Ajax/JSON components, test coverage in Jasmine, stress testing with jMeter

NOV 2013 - JUNE 2014

**Sears Holding Corporation, Chicago, IL** - *Developer*

- Member of Core Mobile team supporting mobile version of sears.com E-Commerce site
- Wrote AngularJS controllers, views, and services, UIs in HTML5/CSS3 from Photoshop PSDs, REST web services in coordination.
- Launched mobile version of new features *Shop Your Way* (loyalty card) and *Shop Your Way Max* (Sears version of Amazon Prime).

AUG 2012 - AUG 2013

**Pathfinder Software, Chicago, IL** - *Senior Software Engineer*

- Wrote mobile apps (iPhone, iPad) for medical clients Kimberly-Clark, Haemonetics, and Amer. Assn. of Critical Care Nurses in hybrid web/iOS AngularJS and jQuery Mobile, Trigger.io, TestFlight, and Rails/Heroku
- Lead developer on iPhone app that was deployed in Apple AppStore (*AACN Bedside*)
- Lead developer for web-based census and demographic data-mining tool (*MetroPulse Chicago*: demo: <http://bit.ly/2wU5Yun>)
- Lead developer on an iPad 'concierge' app to connect heart patients, their nurses and caregivers (*ContinuCare*) and a blood drive simulation sales tool for the iPad (*Automated Whole Blood Collector*)

APR 2010 - AUG 2012

**Truven Health Analytics, Chicago, IL** - *Senior Software Engineer*

- Developed hosted web applications *CareDiscovery* and *IntegrationDiscovery*, Business Intelligence and data mining tools for a 4 TB Oracle OLAP Data Warehouse of Hospital Billing data
- Created servlet- and portal-based J2EE web applications for IBM Websphere Portal 5, Tomcat 6 & Glassfish in Java 1.4 & 6 Servlets, JSP, jQuery Javascript, PL/SQL stored procedures

OCT 2008 - MAR 2010

**iCrossing, Chicago, IL** - *Senior Software Engineer*

- Front End Developer for hosted web application *Merchantize*, an Ad Technology tool for managing clients' Paid Search campaigns, keyword purchases and cost-per-click advertising with major search and shopping engines (Google, Yahoo, MSN, NexTag, PriceGrabber)
- Consumed streaming XML-based product feeds for clients Sears, The Gap, Hilton, Lands End, LEGO, and Williams Sonoma with cron-based processes written in Perl, Bash, SMTP & Java.
- Wrote PDF reports in Apache POI Java, cleaned product feeds and resolved Mysql data integrity issues

FEB 2008 - OCT 2008

**Chicago Tribune, Chicago, IL** - *Senior Internet Applications Developer*

- Developed 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 for web services.
- Created scheduled jobs for sweeping expired database content and JMeter test plans to simulate heavy load on high-profile chicagotribune.com website.

## Education

**Northwestern University, Evanston, IL** – *PhD Music Theory*

Cross-disciplinary curriculum including music theory, auditory perception, computer science and music synthesizer research. Dissertation: <http://bit.ly/2wUbFZq>

**Eastman School of Music, Rochester, NY** – *MA Music Theory*

Analysis techniques on classical and 20th Century music. Formal computer programming studies. Thesis on Edgard Varèse.

**California State University, Los Angeles, CA** – *BM Piano Performance*

Performed Junior and Senior recitals, placed in competitions, and performed Beethoven concerto with orchestra.

## Certifications

March 2005: Sun Certified Web Component Developer for J2EE 1.4 (SCWCD)

Apr 2004: Sun Certified Programmer for the Java 2 Platform 1.4 (SCJP)

## References

Available on request.