

Greg Sandell

Los Angeles, CA

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Skills

I have over ten years experience in Front End 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, QA automation 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, AngularJS 1.4, Nightwatch, InternJS, Appium, Dojo, Selenium, BrowserStack, HTML5, CSS3, Bootstrap, SASS, jQuery, Firebase, Jenkins, Nexus, Artifactory, Bugzilla, Jasmine/Mocha/Sinon/Chai, LaunchDarkly, Advanced Rest Client, 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 Shoes, remote — *QA and Front End Engineer Consultant*

- Create NodeJs QA Automation scripts 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 make latency, asynchrony & race condition issues transparent to client code
- Write web clients in React/Redux for QA team and deploy them on AWS
- Add multi-user presence and remote noSQL storage to webapps with Firebase
- Interface with eCommerce shopping APIs: PayPal, SVS Giftcards, Adyen

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.