



## Profile

Frontend Engineering Manager with 20 years' experience designing, developing and launching solutions on award-winning, high profile products for industry leaders, such as Oracle, MobileIron, Apple and AltaVista.

## Experience

Senior Manager of Software Development, Oracle, San Jose, CA 12/2016 - Current

- Proven record of recruiting, developing and retaining great talent. This includes talent evaluation.
- Worked closely with Oracle Cloud Access Security Broker (CASB) program managers to deliver multiple customer facing features, including Security Control Templates, which reduced multiple accident-prone errors, while securing cloud app instances.
- Designed and led the development effort to build an Oracle eLocation map that displays both normal and suspicious events.
- Lead UI/UX weekly meetings for CASB engineers, product managers, documentation writers, and Oracle UDX designers. The communication here became instrumental in improving the CASB customer experience.
- Project managed the conversion of the CASB console from the Palerra look & feel to the Oracle PaaS look & feel.
- Produced multiple (near) pixel-perfect mockups from white board sessions with product team members. This significantly reduced UI team implementation time and effort.

Director of Frontend Engineering, Palerra, Santa Clara, CA 09/2014 - 12/2016 (acquired by Oracle)

- Originally hired as UI Architect & Lead UI Engineer, after multiple successful launches was promoted to manage all UI dev.
- Responsible for (troubleshoot, fix, delegate) all User Interface issues on LORIC, Palerra's cloud security dashboard. LORIC is a single page web app written in Backbone.js, jQuery and Kendo UI.
- Built and managed a cohesive and focused UI Engineering team (3 offshore, 1 onshore). Process for the SF Bay engineer included reviewing 60 resumes, facilitating 20 phone screens and making 2 offers before hiring.
- Integrated Mixpanel APIs into LORIC to measure customer engagement. This data became essential to our Sales Ops team, to see how potential customers were using the product.

Lead UI Engineer, Silver Peak, Santa Clara, CA 03/2013 - 09/2014

- Created drag and drop feature to easily build network "tunnels" between multiple appliances, from single location. Previous process required user to log into each appliance and remember corresponding IP addresses, causing confusion and errors.
- Rewrote Silver Peak appliance's setup wizard, to support "server mode", a new product category. The feature was written in jQuery.
- Implemented SSL Certificate feature to distribute certificates to multiple appliances at once. Steps include posting files to the server to verify cert and key are valid. If so, a REST request sends data to each appliance for inclusion.
- Designed and wrote a standard messaging service. Any message the user now receives; error, warning or info, uses this feature that appears absolutely positioned at the bottom of the window. Written with the JavaScript Revealing Module design pattern.

Senior Software Engineer, MobileIron, Mt. View, CA 05/2009 - 03/2013

- Lead development of new UI look and feel for Mobile@Work iOS app. Converted iPhone's basic navigation to tab-based nav. iPad display is now Master-Detail app with embedded tab-based nav.
- Implemented all customer-facing aspects of Docs@Work iOS feature, which allows documents stored in SharePoint to be viewed and saved locally for offline viewing. The app allows doc distribution (email / opening in another app) if admin approves on server.
- Created "Add App" wizard for the MobileIron Virtual Server Platform (VSP). This feature allows admins to step through the process of uploading app binaries. Written in ExtJS.



- Leveraged the jQuery Mobile JavaScript framework to write the first MobileIron web-based enterprise app store. All apps uploaded by admins via the VSP, are now viewable / downloadable via mobile browser.
- Member of 2-person team that built the VSP Employee web portal. Using Google Web Toolkit (GWT), features built include: self-registration of new mobile devices (phones / tablets) with the VSP server, find-my-phone location and mapping service, and lost phone lock and wipe (configurable by admin).
- Designed / created node graph structure, in Flex, to demonstrate employee's relationship with others via cell and text data.

Senior Web Engineer, Apple Inc., Cupertino, CA

09/2004 - 09/2008

- Lead Engineer for Online Self Solve Agreements project. Developed Action forms, Form beans, and Java Action Classes using the Struts framework. Implemented the web pages in JSP, using CSS 2.0. Leveraged Prototype and script.aculo.us libraries for multiple AJAX requests and cross-browser UI bling, respectively. Both AJAX requests and responses are in XML format. Response is then converted to a JSON object, which is added to the web page via the Document Object Model.
- Technical Advisor for Online Self Solve Services project. Designed and implemented an international header and footer system in Java, displaying in JSP templates. Templates are readable in 12 different languages including Chinese, Japanese and Korean (CJK). Internationalization of languages implemented with MessageResources used in the Struts Framework. Wrote multiple utility methods to make development easier for other engineers, e.g. retrieveUserId(), getUserLocale(), getISO3Language().
- Project Lead for Web Crossing to Jive discussion forums transition. Designed system architecture, including cookie insertion load balancing techniques for session mgmt. Wrote design documents, test plans, installed and configured Resin application servers. Coded all Servlet and JSP custom functionality including AppleID integration, "My Posts" and "Notify Moderator" features.
- Rolled my own Netflix-style 5 star ratings system, using the AJAX edition of the Dojo toolkit. Ratings are for knowledge base procedure articles only. Voting data is passed behind the scenes via XMLHttpRequest and stored in a MySQL back-end.
- Designed and implemented daily order processing of iBook/PowerBook Battery recalls to Apple SAP team. Logic is to select all order replacement data, including personal shipping info, for the last n days from FrontBase back-end, and FTP to secure SAP drop-zone. Process is run automatically on a daily cron. Over 1.5 million orders processed so far.

Software Engineer, AltaVista, Los Altos Hills, CA

09/1999 - 04/2003

- AltaVista's largest revenue-generating product, Sponsored Matches, generating \$15K/day. Programmed this web search application to call third-party web servers, retrieve requested data, and efficiently parse XML code prior to displaying search results.
- Architected dictionary database in SQL Server and JDBC environment, empowering sales team to update and maintain web-based database of partner-paid query terminology. Collaborated with senior engineer to create easy-to-use intranet interface.
- Built award-winning news search application (<http://news.altavista.com>), increasing traffic 20%. Designed and implemented sort-by-date feature, incorporated Prisma (search refinement tool), and programmed application to support full Boolean commands.
- Coded incoming requests log in Java to record critical web server information (user's IP address, exact search content, headers, and cookies), enabling QA to more accurately replicate each user's requests.

## Education and Certifications

- National University, San Jose, CA - MS, Software Engineering
- Northern Arizona University, Flagstaff, AZ - BS, Liberal Arts
- Foothill College, Los Altos, CA - AS, Computer Software Development
- Foothill College, Los Altos, CA - AS, Internet Technology
- Sun Certified Java Associate (SCJA)