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SKYLAR ANDERSON

I'm a designer, engineer, and product leader with over 10 years experience designing and building software for desktop, web, and mobile.

Aptible (YC S14) *Lead Designer, Lead Software Engineer, Product Lead, First Hire*

MAY 2014 - PRESENT

- Designed and developed learning management system capable of generating customer-specific training content based on thousands of customer attributes. This system is used to automate thousands of manual training courses and make proof-of-compliance fast and easy.
- Designed and developed NIST 800-30 risk assessment engine, capable of quantifying and prioritizing thousands of risks across hundreds of information assets. Built using JSON Schema, Ruby on Rails, and Ember.js.
- Designed elegant user interfaces that make Docker-based container orchestration simple and easy to understand.
- Designed and developed SaaS product that makes managing a secure Information Security Management System (ISMS) simple and fast.
- Engineered schema-driven UI system using custom-built Ember CLI add-ons that parse JSON Schema schemata into fully-validatable UI controls. This system is used to allow non-technical subject matter experts to expand the core data model without involving engineering.
- Designed and developed subscription billing system for container orchestration PaaS, including metered/unit billing, recurring subscriptions, and billing management dashboard using Stripe, Ruby on Rails, and Ember.js.

Foundry, Inc. (Independent Consulting) *Lead Designer and Software Engineer*

JUNE 2010 - MAY 2014

- Improved Facebook's sales process by designing and developing a drag-and-drop video-editing tool using Ember.js, Node.js, AWS S3, and the Facebook and Animoto APIs.
- Led visual and UX redesign of Compendium, a content marketing suite (now Oracle).
- Brought opensource-like collaboration to pharmaceutical asset management at Eli Lilly by leading design and engineering of a git-based asset management system using Angular, Ruby, Sinatra, S3, and GitHub API.
- Helped Facebook feature their most popular brand pages by developing a user-contributed content site using Wordpress and PHP.
- Led frontend engineering for two Backbone.js-backed single page applications, helping Salesforce Marketing Cloud launch into the mobile marketing channel.
- Revitalized Quicken's desktop experience by with a modern visual and UI design.

Salesforce Marketing Cloud *Designer and Frontend Software Engineer*

APRIL 2009 – JUNE 2010

- Gathered requirements, developed product vision, and led UI design and development for an enterprise SaaS product.
- Led UI design and development of Salesforce-based back office ticket system.
- Developed drag-and-drop in-browser document management system using jQuery, AJAX, and C#.

GiveReal *Frontend Software Engineer*

APRIL 2009 – JUNE 2010

- Designed and developed Facebook canvas app using Ruby on Rails, FBML, CSS, and Javascript.