

Justin Winslow

UI Developer / Designer

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Summary

I am a dual proficiency developer and designer experienced in the design and implementation of projects from small websites to large scale web applications. My primary focus for the past 5 years has been development lead on ActiveProspect's flagship product LeadConduit.

Experience

Lead Interface Developer/Designer

ActiveProspect www.activeprospect.com

Austin, TX | November 2013 to Present

- Brought on to spearhead the design and development of the new LeadConduit platform UI.
- Worked closely with stakeholders and leadership to define key concepts that fundamentally shaped how the product worked and ultimately how the **node.js** backend was designed.
- Architected an ambitious user-facing application using **angular.js** that allows for configuration of "flows" (the path the data takes through the system) as well as visualization and analysis of the data in aggregate.
- Created the framework for "integrations" which allow users to connect LeadConduit to third-party systems. Integrations are essentially mini-applications that run in **iframes** within the platform and communicate with it.
- Worked on transitioning the application while in production from **angular.js** to **vue.js** primarily due to performance issues with the former. This included migrating from **require.js** to **webpack** and **npm**, plus targeting ESX in development with compilation to browser compatible JS (via **babel**) for release.
- Managed the interviewing and hiring of development and design candidates.
- Challenges were diverse over the span of 6 years and ranged from learning how to grow the team efficiently and effectively to coercing angular to be as performant as

possible to coaching and managing multiple designers with different proficiencies and aesthetic ideals.

Lead Interface Designer/Developer

Draker www.drakerenergy.com

Austin, TX | August 2012 to November 2013

- Major refactor of 10 year old legacy **Rails** application including moving entirety of frontend to use **require.js**, improving deployment process and updating components to be i18n compatible.
- Merged functionality of original Solar Power Technologies Intelligent Array software and the legacy Draker Sentalis product on an incredibly tight timeline - less than a month - to be ready for an international solar conference.
- Ground up rebuild of flagship product moving to a service oriented architecture and single page client side application. The application is built with **backbone.js** and **Marionette.js** for layout and state management sitting atop a **node.js** backend for session management and a more unified API design to handle proxying to the various other silo'd services.
- Took charge of server management on **EC2** using **Nginx** to proxy requests to the Node server and serve static assets and automated application deployment with **git** post-receive hooks to push new code and run the build process.
- Challenges have included coordinating efforts between Austin and Vermont developers. This made effective modularization of the new software crucial to optimize workflow and ease of collaboration. We've also had to respond to rapidly changing priorities and directions as avenues for revenue have presented themselves.

Lead Interface Designer/Developer

Solar Power Technologies www.spowertech.com

Austin, Texas | May 2011 to August 2012

- With a team of 3 developers, built an industry leading solar array monitoring software from the ground up in less than 1 year
- Responsibilities included user interface design and development for an **HTML5** application built upon a **Python** backend with a focus on **HTML**, **CSS** and **Javascript**
- Specific development tasks included complete visual and interactive design, building a custom dependency management framework for asynchronously loading modules for use in the application, and the creation of custom modules for various types of charting, array status and a physical array mapping with heat-map/overlay functionality

- Challenges included typical start-up issues like continuously evolving objectives and scope, consuming and displaying incredible amounts of data in a way that makes sense to users, and building the system to flexibly manage solar arrays of wildly varying sizes and configurations

User Experience Designer

SolarWinds www.solarwinds.com

Austin, Texas | December 2010 to May 2011

- Interface design for network management applications including components of SolarWinds' flagship software Orion
- Designed interfaces for a number of Windows applications including an SNMP Enabler, port mapper and Netflow analysis tool
- Worked with off-site developers to conceptualize and create solutions to overcome issues and limitations with development tools like **Windows Presentation Foundation, WinForms, and HTML/CSS**

User Experience Designer and Developer

NIC www.nicusa.com

Austin, Texas | May 2010 to November 2010

- Participated in a remediation project to re-brand Texas State applications and bring them up to contemporary accessibility standards
- Redeveloped the Texas.gov application template to be mobile ready with the use of (then) new **responsive HTML5** and **CSS3** techniques

User Interface Analyst – Designer

USAA www.usaa.com

San Antonio, Texas | September 2007 to May 2010

- Brought 3rd party development of e-mail marketing in house saving \$300,000 per year while maintaining an open and click-through rate nearly twice that of the industry average
- Developed concepts for the future of on-line financial transactions including the future of auto acquisition which became a \$26 million project

Education

Duquesne University, Pittsburgh, Pennsylvania
Bachelor of Music Technology/Sound Recording
August 2003 to May 2007
3.7 GPA on 4.0 scale