

Tim Proffitt

Front-End Engineer Usability Specialist

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I have over eight years of working experience in applying interaction design and usability principles to the development of web-based applications. My unique contribution has always been the creative application of user-centric design principles to the problem solving process.

SKILLS

Expert in JavaScript and front-end MV* frameworks

Angular.js, Backbone.js

Expert in CSS and adapting UI solutions to the demands of the mobile web

SASS, Responsive Web Design

Wide ranging experience in server-rendered templating languages

Jinja2, Twirl, Mustache, ERB, nunjucks

Advanced knowledge of distributed VCS

git, mercurial

Considerable experience with automated unit testing and end-to-end testing

Karma, Jasmine, Protractor

Proficient with modern front-end development build tools and best practices

npm, webpack, gulp, browserify

Experienced with MVC based web frameworks

Play, Ruby on Rails, Django, Express

Recognized practitioner of agile software development methodologies

Certified Scrum Master

Skilled in formal presentations to clients, stakeholders, and C-level executives

WORK EXPERIENCE

Predictive Fitness - *Front-End Engineer, UX Strategist*

January 2016 - March 2016

Front-end engineer tasked with review and improvement of current product.

- Identified KPIs for UX strategy based on end-user feedback
- Built a platform to maximize performance of front-end asset delivery

- Streamlined the registration process with stand alone Angular.js application

Research Now - *Front-End Engineer*

August 2014 - January 2016

Increased user engagement from 55% to 77% - 95% and achieved a cost savings of over \$250K a year while collaborating on a high performing agile development team. Our small team was tasked with the design and implementation of an entirely new market research platform. <https://www.valuedopinions.co.in>

- Developed front-end solutions for a market research platform using Angular.js and Play2 Framework that supports custom localization (branding, language support) for 9 countries
- Collaborated with back-end engineers to coordinate communication between service layer and presentation layer via RESTful endpoints
- Designed and built application suite to provide business users with self-service management of system parameters, content, and translations
- Ensured front-end code is properly covered with unit tests and end-to-end integration tests
- Collaborated with technical and business team members to determine scope and priority of features
- Presented progress at bi-weekly demos attended by CTO, COO, engineering directors, and downstream stakeholders

Improving Enterprises - *Sr. UX Consultant*

December 2012 - July 2014

Provided consulting services relating to Information Architecture, Visual Design, and Front-End Development of web-based applications.

Clients included:

Verizon

- Developed Angular.js SPA for Verizon's Virtual Private Cloud service, bringing together two similar, existing products under a single user interface.
- Provided UX design guidance to stakeholders and development team.

The Loomis Agency - <http://www.theloomisagency.com/>

- Modernized and redesigned the agency's online presence and provided a self-service CMS to keep content up to date
- Collaborated with a visual designer to ensure adherence to brand guidelines
- Full stack development using Ruby on Rails, RefineryCMS, Backbone.js
- Managed backlog, deadlines, budget, and end user CMS training

ADT Security Services

- Provided UX design guidance to simplify complex interactions

- Designed customer-facing data visualizations for self-service customer portal
- Provided interactive prototypes to model new functionality for stakeholders
- Implemented designs with Knockout.js and Coffeescript

Schneider Electric, Inc. - *UI Designer/Front-End Developer*

January 2004 - December 2012

Responsible for front-end architecture of line-of-business engineering applications using Django and Backbone.js.

- Created a dashboard for the University of North Texas consisting of data visualizations highlighting the University's energy savings over time.
- Developed a web-based tool to aggregate energy usage data from multiple projects to help engineers monitor performance.
- Developed a tool for sales engineers to build and estimate the cost of custom "packages" of energy management services tailored to a customer's needs.
- Conducted a complete redesign of public facing HMI graphics package.
- Lead a small internal team in creating graphics pages for custom building automation software and integrating controls networks with existing customer LAN.

EDUCATION

University of North Texas - *B.S., Business Computer Information Systems*

Class of 2003

Vice President Lutheran Student Fellowship

Vice President of Computer Information Systems Organization

Member of Professional Leadership Program