

Tim Proffitt

Front-End Engineer Usability Specialist

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I have over ten 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 UI Architecture using JavaScript and front-end MV* frameworks

Web Components, Angular/Angular.js, Backbone.js

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

SASS, Responsive Web Design

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

Karma, Jasmine, Protractor

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

npm, webpack

Experienced with MVC based web frameworks

Ruby on Rails, Django, Express, Java Play

Recognized practitioner of agile software development methodologies

Certified Scrum Master

Skilled in formal presentations to clients, stakeholders, executives, and technical audiences

2017 Technical Track Big Design Speaker: The Framework is Dead! Long Live the Framework

WORK EXPERIENCE

Capital One - *Front-End Development Manager, Design Lead*

March 2016 - Present

Manager responsible for leading a team of front-end developers

- Played a key role in influencing business and technology leadership to augment teams of Full Stack Developers with a formalized Front-End Engineer role.
- Designed a strategy for an incremental platform and architecture upgrade of several applications, refactoring codebases into a micro-frontend architecture.
 - Home Mortgage Documents center application
 - Home Loans Servicing call service agent tool

- Auto Loans first line customer service application
- Lead cross functional team of designers and developers to create design system using standards based web components.
- Proposed a strategic plan for adoption and rollout of design system that was approved.
- Supervise creation of prototypes required to contribute to new business initiatives and continuous improvement

Lead a team of designers collaborating with product and tech partners to design:

- Home purchase readiness product - HomeScore patent **#IDF2036**
- Home refinance calculator
- Brand/marketing self service landing page creator
- Call center agent tool suite

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

January 2016 - March 2016

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

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