

## Howard Jess

### Web Application UI/UX Developer

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206.412.9924

After building desktop applications, system programming, and networking infrastructure, I've focused on web application UI development. I'm especially interested in user experience and accessibility. I thrive in a collaborative team environment; in a team setting, I am highly-collaborative, and offer excellent communication and creative problem-solving skills.

## Skills

<b>Languages:</b>	Javascript, Typescript, HTML, CSS ( <i>Less, SASS/SCSS</i> )
<b>UI Tech:</b>	Bootstrap, Element UI, DOM, HTTP, i18n/l10n, jQuery, Knockout, MVC, REST, TCP/IP, Vue.js
<b>Tools:</b>	Bourne shell, GIMP, Git, npm, Vim
<b>Systems:</b>	Linux, Mac OS/X, Unix, Windows
<b>PM Workflow:</b>	Agile, Scrum, Kanban

## Experience

### Web Application UI Developer Trupanion

2017 → 2023

- VetPortal (lead UI dev): full rewrite, for a dramatic reduction of application payload.
- Hospital Management Tool (sole UI dev): cut support staff paperwork and load.
- Member Portal (lead UI dev): lowered customer phone support load by up to 25%.
- Partner Portal (sole UI dev): increased external policy sales.
- Agent Reassignment Tool (sole UI dev): lead to sizeable reduction in agent administrator paperwork.

*Javascript, Typescript, Vue, SCSS, CSS, Bootstrap, HTML, Razor (C# templates), SignalR, ASP.Net, Git*

### Software Engineer Navigating Cancer

2016 → 2017

- Complex Triage Pathways: created JSON Schema+JSON Editor based forms reduced clinic training requirement.
- Living Style Guide: updated the style and component library, lowered developer support cost.

*Bootstrap, Coffeescript, Backbone.js, HAML, JSON Schema, JSON Editor, Mocha, Ruby on Rails, SASS*

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#### Web Application UI Developer Rosetta Stone

2012 → 2016

- Learning engine: full application rewrite (Sproutcore→AngularJS) reduced network payload and latency, cutting network costs and user frustration.
- Password reset/recovery: simplified components to reduce developer maintenance.
- Partner connections: integrated 3rd-party linkage, increasing application visibility/SEO.
- Analytics: used Mixpanel to enhance BI/BA.

*AngularJS, CouchDB, HTML, Javascript, Mixpanel, SCSS, Sproutcore*

#### Web Application UI Developer Optify

2011 → 2012

- Developed a site “Landing Page” editor/publisher, for 100% hands-off customer use.
- Authored and updated Contact Manager and Email Manager tools.
- Designed and built analytics, using Mixpanel, finally providing instrumentation visibility.

*Backbone.js, HTML, Javascript, LESS, Mixpanel*

#### Web Application UI Developer Cobalt

2009 → 2011

- Authored embedded Google maps for location pages.
- Built Facebook and Twitter publishing and feed widgets.
- Produced embedded YouTube player/playlist handler.
- Introduced front-end unit testing using jstestdriver.

## Education

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**Northwestern University**  
B.A., Economics