

## Howard Jess

### Web Application UI/UX Developer

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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

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

## Experience

### Web Application UI Developer [Trupanion](#)

2017 → 2023

Trupanion's first dedicated UI specialist.

- [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.
- [Website 3.0](#): mentored the rewrite team for Trupanion's public-facing website.

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

### Software Engineer [Navigating Cancer](#)

2016 → 2017

Developer for Navigating Cancer's Patient Care Management software.

- Complex Triage Pathways: [JSON Schema](#)+[JSON Editor](#) forms reduced clinic training requirement.
- [Living Style Guide](#): 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

Developer for Rosetta Stone's [Advanced English for Business](#) and [Livemocha](#).

- Learning engine rewrite ([Sproutcore](#)→[AngularJS](#)) reduced network payload and waits, cutting network costs and user frustration.
- Password reset/recovery: simplified components reduced developer maintenance.
- Partner connections: created links to 3rd-parties, increasing application visibility/SEO.
- Analytics, using [Mixpanel](#), enhancing BI/BA.

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

#### Web Application UI Developer [Optify](#)

2011 → 2012

UI developer for Optify's *Inbound Marketing* software suite.

- 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.
- Updated and enhanced UI coding standards document, and rebuilt application Javascript library.

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

#### Web Application UI Developer [Cobalt](#)

2009 → 2011

Lead UI developer on Cobalt's *New Products* team.

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

## Education

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### [Northwestern University](#)

B.A., Economics