

## Howard Jess

### Web Application UI/UX Developer

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## Brief

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I thrive and excel in a collaborative team environment; after many experiences in desktop applications, system programming, and networking infrastructure, I settled into web application UI development as an interesting intersection of them all. I'm especially interested in user experience, elegant design, and accessibility.

## Skills

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**Languages:** [Javascript](#), [Typescript](#), [HTML](#), [CSS](#) ([Less](#), [SASS/SCSS](#))

**UI Technologies:** [Bootstrap](#), [Element UI](#), [DOM](#), [HTTP](#), [i18n/l10n](#), [jQuery](#), [Knockout](#), [MVC](#), [REST](#), [TCP/IP](#), [Vue.js](#)

**Tools:** [Bourne shell](#), [GIMP](#), [Git](#), [VIM](#)

**Systems:** [Linux](#), [Unix](#), [Mac OS/X](#), [Windows](#)

**Development:** [Agile](#), [Scrum](#), [Kanban](#)

## Experience

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### Trupanion

#### **Front-end Web Application Developer**

April 2017 → June 2023

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

Brought in as Trupanion's first UI specialist. Projects:

- [Member Portal](#) (lead UI dev): led UI team, writing a .NET-MVC/SPA hybrid from scratch, providing customers access to their account. *VanillaJS, Typescript, jQuery, Vue, Sass*
- [Website 3.0](#) (UI team member): part of a rewrite team for the main public-facing website. *VanillaJS, jQuery, Sass, Sitecore*
- [VetPortal](#) (lead UI dev): led a full rewrite of Trupanion's veterinary hospital software (.NET-MVC/SPA hybrid), from VanillaJS/jQuery/KnockoutJS/Kendo to Vue/Bootstrap, reducing network payload by 50%. *Vue, SignalR, Razor*
- Hospital Management Tool (sole UI dev): created an application (SPA) providing internal support for VetPortal. *Vue, Element*
- Partner Portal (sole UI dev): created an application (SPA) allowing State Farm agents to create & manage their portfolio of Trupanion policies. *Vue*
- Agent Reassignment Tool (sole UI dev): created an application (SPA) allowing State Farm managers to manage policy re-distribution among agents. *Vue*

### Navigating Cancer (contract position)

#### **Front-end Web Application Developer**

June 2016 → February 2017

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

Developer for Navigating Cancer's suite of Patient Care Management software, dedicated to improving and streamlining the relationship and care experience for cancer patients and oncology clinics. Projects:

- Complex Triage Pathways: implemented a set of [JSON Schema](#)+[JSON Editor](#)-based dynamic forms to standardize symptom data recording for cancer patients
- [Living Style Guide](#): continued work to maintain and upgrade the development group's style and component library

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**Rosetta Stone** (acquired **Livemocha** in April 2013)

#### **Front-end Web Application Developer**

November 2012 → April 2016

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

Developer for Rosetta Stone's [Advanced English for Business](#) language-learning application, and [Livemocha](#), a social community-based language-learning application. Projects:

- Password reset/recovery
- User profile management
- Partner connections
- Analytics, using [Mixpanel Analytics](#)
- Full language-learning engine (a [SPA](#)) rewrite from [Sproutcore](#) to [AngularJS](#).

### **Optify, Inc.**

#### **Front-end Software Engineer**

September 2011 → October 2012

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

UI developer for Optify's *Inbound Marketing* software suite, a [SAAS](#) tool for B2B marketers. Projects:

- Customer site "Landing Page" editor/publisher
- Contact Manager & Email Manager tools
- Analytics, using [Mixpanel Analytics](#)
- Rewrote UI coding standards document, and overhauled the Javascript library namespace

### **Cobalt.com, Inc.**

#### **Senior UI Developer**

September 2009 → September 2011

Lead UI developer on Cobalt's *New Products* team, charged with creating and delivering innovative website products for sale to auto manufacturers and dealers. Projects:

- Embedded [Google maps](#) for location pages
- [Facebook](#) and [Twitter](#) publishing and [feed](#) widgets
- Embedded [YouTube](#) player/playlist handler
- Initial implementation of front-end unit testing using [jstestdriver](#)

## **Education**

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### **Northwestern University**

B.A., Economics

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