Howard Jess

Web Application UI/UX Developer

hjess@mail.com   linkedin.com/in/hjess   206.412.9924

Brief

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 Technologies:	Bootstrap, Element UI, DOM, HTTP, i18n/l10n, jQuery, Knockout, MVC, REST, TCP/IP, Vue.js
Tools:	Bourne shell, GIMP, Git, npm, Vim
Systems:	Linux, Unix, Mac OS/X, Windows
Development:	Agile, Scrum, Kanban

Professional Experience

Web Application UI Developer
Trupanion

2017 → 2023

Trupanion's first dedicated UI specialist. Projects:

- VetPortal (lead UI dev): full rewrite cut application payload by *50%*.
- Hospital Management Tool (sole UI dev): reduced support staff paperwork and load by *25%*.
- Member Portal (lead UI dev): reduced customer phone support load by *70%*.
- Partner Portal (sole UI dev): increased external policy sales by as much as *10%*.
- Agent Reassignment Tool (sole UI dev): reduced agent administrator paperwork by *50%*.
- 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. Projects:

- Complex Triage Pathways: JSON Schema+JSON Editor forms reduced clinic training load by *50%*.
- Living Style Guide: style and component library lowered developer support cost by *30%*.

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. Projects:

- Learning engine rewrite (Sproutcore→AngularJS) reduced network payload and waits by over *50%*.
- Password reset/recovery: simplified components reduced developer maintenance by *25%*.
- Partner connections: created links to 3rd-parties, increasing visibility by *30%*.
- 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. Projects:

- 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 providing *100%* more 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. Projects:

- 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

Northwestern University
B.A., Economics