

Howard Jess

Objective

Web Application Software Developer/Engineer

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I really enjoy working in a small collaborative team environment, doing web application development; ideally, the team and company culture place highest emphasis on customers, employees, and providing a social good, as well as keeping an eye on the bottom line. Interests and abilities include front-end design and implementation, especially in the areas of accessibility, and feature tracking.

Capabilities

- In-depth understanding of Javascript, HTML and CSS.
- At ease working as part of a team or as an individual contributor.
- Experience in traditional commercial software development as well as web applications.

Experience

Rosetta Stone (after April 2013 Livemocha acquisition)

Front-end Web Application Developer

November 2012 → *present*

Developer for Rosetta Stone's [Advanced English for Business](#) language-learning application, and [Livemocha](#), a social community-based language-learning application. Implemented several key features, including password reset/recovery, partner connection actions, user profile management, and analytics. Contributed initial and ongoing work using the [Sproutcore](#) javascript framework, and transitioned both to [AngularJS](#). For Livemocha, formed ½ of the development team in a rewrite from Sproutcore to AngularJS.

Optify, Inc.

Front-end Software Engineer

September 2011 → October 2012

UI developer for Optify's *Inbound Marketing* software suite, a [SAAS](#) tool for B2B marketers. Projects included: building an site "Landing Page" editor/publisher; implementation of Contact Manager and Email Manager tools; and instrumentation of customer application usage using [Mixpanel Analytics](#). Rewrote company UI standards document. Completed a full overhaul of the application's 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. Products included embedded [Google maps](#) for location pages, [Facebook](#) and [Twitter](#) publishing and [feed](#) widgets, an embedded [YouTube](#) player/playlist handler, and a survey results dashboard using HTML 5 [canvas](#) graphs. Rewrote company UI standards document. Began implementing use of [jstestdriver](#) for JavaScript unit tests.

Wetpaint.com, Inc.

UI Web Developer

September 2008 → July 2009

Gathered requirements, broke down projects into stories, stories into tasks, designed and implemented task solutions using [JSP](#)/HTML, CSS and JavaScript. Projects included a greatly enhanced messaging forum system; access to PayPal's [recurring billing](#) system; and user authentication using [Facebook Connect](#). Installed and began conversion to [jQuery](#) as a general purpose replacement for several home-grown library routines.

[Cardomain Networks, Inc.](#)

Web Developer

September 2006 → September 2008

Implemented several small-to-medium projects using Perl/[TTK](#)/HTML, CSS and JavaScript, including a homepage and common navigation overhaul, complete site re-layout (enabling uniform advertisement placements), and a Groups system using [Ruby on Rails](#). Participated in all aspects of [Agile development](#), including elements such as story pointing, pair programming, [test-driven development](#), sprint demos, and a frequent, iterative release cycle.

[DHI Technologies, Inc.](#)

Software Engineer

March 2004 → September 2006

Created a detailed catalog of web browser behavioral differences for Internet Explorer, Firefox, Safari and Opera; designed and implemented an unobtrusive JavaScript library for common cross-browser behavior; built transparent library load routines; designed and wrote several small AJAX routines to illustrate DHI's JavaScript compiler technology; prototyped integration of the compiler into the [VIM](#) editor; built a lightweight drag-and-drop Windows application for the compiler.

Skills

Tools:

[Ant](#), [Atom](#), [AWK](#), [Bourne/Korn shell](#), [GIMP](#), [Git](#), [Grunt](#), [Make](#), [Sublime Text](#), [Subversion](#)

Languages:

[Javascript](#), [TCL](#), [C](#)

Systems:

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

Technologies:

[AJAX](#), [AngularJS](#), [CSS](#) ([Less](#), [SASS/SCSS](#)), [DOM](#), [HTML](#), [HTTP](#), [i18n/l10n](#), [jQuery](#), [MVC](#), [REST](#), [TCP/IP](#)

Development:

[Agile](#), [Scrum](#), [Kanban](#)

Education

[Northwestern University](#)

B.A., Economics

[Boston University](#)

Computer Science fundamentals course work