



Front End Software Developer

I'm an expert front end software developer and user experience designer with over fifteen years of industry experience.

I specialize in making sophisticated interfaces for browsers, mobile devices, and set-top boxes that balance usability, accessibility, performance, and great design.

Skills

Front end development:
JavaScript, HTML5, CSS3

Front end frameworks and toolsets: jQuery, Node.js, AngularJS, WinJS, Dojo, LESS

Front end / back end integration

Agile, Scrum, Waterfall development methodologies

Git, Subversion, CVS version control

User experience design

Adobe Creative Suite

Leadership

President

Oakland Camera Club

www.oaklandcameraclub.org

West Coast Regional Director

National Stereoscopic Association

www.stereoworld.org

Contact

www.matbergman.com

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Experience

Creative Developer

Vertigo Software, October 2013 to present

Designed and developed front end interfaces for browser, smartphone, tablet, and game console applications. Built streaming video media apps with JavaScript, HTML5, CSS3, XAML, and the WinJS framework. Researched and mastered the design conventions and best-practice development techniques of multiple platforms. Created wireframes, information architecture documentation, and visual designs for mobile and console-based applications. Wrangled source code with Git version control.

Software Engineer

Location Labs, February 2011 to October 2013

Developed location-based web and mobile applications for wireless carriers. Responsible for maintaining a complex front end framework utilized by multiple branded applications. Programmed HTML5, CSS3, and object-oriented JavaScript in the Dojo JavaScript framework. Recommended and documented best-practice layout structures, naming conventions, and testing strategies. Managed complex projects with command-line Git version control and Python scripts.

Web Design and Development Consultant

Dynamic Interface Engineering, LLC, May 2003 to February 2011

Web developer and user experience designer for dozens of technology, ecommerce, and media companies, specializing in front end development, information architecture, UX and visual design.

Senior User Experience Engineer

Loud Dog Media, March 2006 to July 2007

Directed the front end development strategy for web projects. Supervised the efforts of the front end development team. Developed front-end HTML, JavaScript, and CSS templates, and authored comprehensive site maps, wireframes, and UX designs for complex web applications. Organized and tracked files in Subversion version control.

Senior Designer and User Interface Technologist

Travelocity.com, January 2001 to May 2003

Designed and built flexible HTML templates and advanced interactive user interfaces with JavaScript. Defined and maintained standards for best practice HTML, CSS, and JavaScript. Conducted usability, accessibility and performance testing. Worked with developers to display dynamic data in robust, browser-compatible web pages. Presented trends in front end technologies, the browser market, and web optimization project stakeholders.

Web Lead

AllBusiness.com, July 1999 to January 2001

Web Designer

Autoweb.com, October 1998 to June 1999

Web Designer

Selective Media, October 1996 to October 1998