Max P. Rafferty

Language and stack agnostic software engineer, specializing in frontend technologies. Proven professional experience in front-end stack architecture, cutting-edge best-practice web development, mobile-first responsive UX, and developer advocacy and training

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Experience

Nomi

Engineer *New York, NY*   April 2014 - October 2015
Member of frontend engineering team responsible for stack architecture, program design, development, and maintenance of client-facing SAAS application interfaces. Personally worked to select and implement the frontend tech stack for a full, ground-up SPA in HTML5, SCSS, and ES6 Javascript, with Unix and Node build tools. Select technologies include React, Flux, Babel, Mocha, and Gulp.

NorthPoint Digital

Consultant *New York, NY*   October 2012 - April 2014
Stack agnostic web development and consultancy. Focus on direct client interaction and responsive, high-performance enterprise development. Technologies include Javascript, C#, PHP, Microsoft .NET, Apache, Solr, Drupal, Ektron, and Sitecore. Notable projects included sites for MIT Sloan Business School (mitsloan.mit.edu) and CHKD hospital (chkd.org).

Hearts on Fire

Engineer *Boston, MA*   August 2012 - October 2012
C# + Sitecore development for HeartsOnFire.com. Responsibilities included AJAX forms, Sitecore Templates, Microsoft Dynamics and social network (Facebook et al.) integration, and migrated Visual Source Save store into SVN.

Ektron, Inc.

Engineer *Nashua, NH*   February 2011 - August 2012
Responsible for full-stack implementation and maintenance of client sites built on Ektron CMS. Additionally, delivered on-site and remote developer training sessions on Ektron's products and APIs. Technologies included C#, PHP, Javascript, and Ektron. Notable projects included Kodak.com and Covidien.com

River Cardroom

Poker Dealer *Milford, NH*   May 2010 - February 2011
Dealt tournament and cash Texas Hold'em, as well as a variety of other table games. Additionally maintained cardroom website and weekly marketing email, and created media for mailers, pamphlets, and billboards

College of Wooster

Web Manager *Wooster, OH*   November 2007 - May 2010
Oversaw student content assistant team responsible for migrating existing static HTML site into Sitecore CMS.

Education

Summer Coursework, Harvard University

Studied Algorithms and Data Structures under Dr. Michael D. Mitzenmacher. Coursework completed 2008

Bachelor of Arts, College of Wooster

Major: Computer Science
Minor: Studio Art
Attended 2006 - 2010. Senior thesis passed with honors, published as M. Rafferty and S. Visa, BitTorrent-Enhanced Distributed Internet Caching (BEDIC) in Proceedings of the 2010 Midstates Conference for Undergraduate Research in Computer Science and Mathematics, Springfield, 2010, pp 49-57.

Skills

Environments	Server administration in Windows and Unix. Comfortable in all desktop environments
Languages	Master level Javascript (es5, es2015 (formerly es6)). Professional experience in C#, Visual Basic, PHP, and Python. Hobby experience in C++, Lisp, Go, Ruby, and coffeescript. Educated in C, Java, and Basic
Tools	Comfortable with standard Unix tools. Frontend Tools include Gulp, Grunt, Babel, SCSS, LESS, Browserify, Webpack, Google Closure, ESLint, Intern, Jest, Mocha, and Chai. All via Node. Comfortable working in virtualized environments, and in Unix containers (Docker). Comfortable working within and configuring CI and build automation (circleCI, Jenkins, Solano, Travis)
VCS	Strongly prefer Git and GitHub. Experience with SVN, Team Foundation, and VSS
Frameworks	Strongly prefer React. Professional experience with Angular, Durandal (Knokout), and Backbone. Eagerly await the day IE9 is no longer a requirement so that Polymer can be on this list.
Libraries	Strongly prefer Lodash (Underscore). Very familiar with JQuery (though you might not need it!). Comfortable with Bootstrap and Foundation.
Issue-Tracking	Very comfortable in JIRA, and working with JIRA Agile tools. Experience with Pivitol, GitHub Issues, TFS, and Trello