

Sean Mandable

smandable@gmail.com | [203.590.0767](tel:203.590.0767) | <https://github.com/smandable> | seanmandable.me

Technical Summary

jQuery, JavaScript, Drupal, Foundation, AngularJS, NodeJS, HTML5, CSS3, Sass/SCSS, Ajax, REST, JSON, PHP, Java, MySQL

Experience

Independent Consultant (3/08–Present)

Full Stack Web Developer

Environment: Single developer.

Tools: Atom, Git, Affinity Photo, Adobe Photoshop, MySQL Workbench, Sequel Pro, Node, Grunt, Bower, Homebrew.

I have expertise with both front-end and back-end technologies and languages.

I'm experienced with the full development life cycle from design to implementation, testing, and deployment. I apply SEO, web security and performance standards and best practices wherever possible.

I've done everything from designing and implementing a user management system in PHP/MySQL to developing a WordPress widget in PHP to read and display data from streaming music providers. One wears many different hats!

Technologies: jQuery, JavaScript, AngularJS, AJAX, REST, JSON, HTML5, CSS3, Sass/SCSS, PHP, Java, MySQL, MariaDB.

North American Power (4/17–12/17)

Full Stack Drupal Web Developer

Environment: Agile full-stack development on a team of 4-6 with pair programming, code reviews, integration, and refactoring.

Tools: Atom, PHPStorm, Sublime Text, Git, MySQL Workbench, Node, Grunt, Bower, Homebrew, Affinity Photo, Adobe Photoshop, Affinity Photo.

I was responsible for the look and feel of NAP's enrollment website redesign. I did everything from working on visual design elements to the Sass/SCSS authoring, updates and refactoring. I also wrote a lot of JS to provide various functionality. This was on Foundation 6 and Drupal 7.

I helped select and then implement tools and technologies to support business needs.

I also participated in daily scrum meetings and made suggestions to improve code efficiency and readability while reducing redundancy.

Technologies: Drupal, Foundation, jQuery, AJAX, JSON, HTML5, CSS3, Sass/SCSS, PHP, and MySQL.

DiscoverOrg (6/14–9/15)

Senior Software Engineer

Environment: Agile full-stack development on a team of 4-6 with pair programming, continuous integration, unit testing, and refactoring.

Tools: IntelliJ IDEA 14.1, Sass/SCSS, Compass, Grunt, Bower, NPM, Gradle, Sublime Text, MySQL Workbench, Git, Gitlab, Adobe Fireworks, Adobe Photoshop, Homebrew.

I was involved in the entire DiscoverOrg 2.0 software development life cycle, end to end. I was responsible for the look and feel of the new site, which included selecting and then implementing appropriate technologies to produce the desired behaviors.

I created new Angular views in HTML and SCSS along with required models and controllers in JavaScript. I both consumed existing Java APIs and wrote my own.

I worked with various other departments and stakeholders to determine requirements.

I maintained the existing application and fixed a host of assorted issues, and also refactored existing JavaScript, PHP, PERL, HTML, and CSS to implement various improvements in the look, feel, functionality, and performance.

Wrote both user and developer documentation to assist in the transition to a new platform with very different technologies and practices.

Technologies: AngularJS, ng-Bootstrap, Sass/SCSS, REST, AJAX, JSON, Java.

Blue World, Inc. (8/13–2/14)

Front End Developer

Environment: Agile development on a team of 3.

Tools: Sublime Text, NetBeans, Git, Grunt, Bower, Adobe Fireworks.

Built large web application using jQuery and PHP. Also implemented new features and functionality for existing sites on a PHP backend using jQuery, HTML and CSS.

Refactored legacy codebase to increase efficiency and decrease page-load times.

Technologies: HTML5, Bootstrap, Sass/SCSS, JavaScript, PHP, REST, AJAX, JSON

Direct Wines, Inc. (2/12–3/13)

Front End Developer

Environment: Agile development on a team of 6.

Tools: Sublime Text, Adobe Fireworks, Git.

Conceived, designed, implemented and delivered both corporate websites and web applications. Worked closely with Product and Operations departments to accomplish given tasks.

Enhanced and maintained four e-commerce websites on an Oracle ATG backend, writing front-end functionality as well as custom JSTL functions to accomplish various tasks. Produced original HTML, CSS, and graphics.

Websites include wsjwine.com, laithwaiteswine.com, and virginwines.com

Technologies: JavaScript, Sass/SCSS, HTML5, PHP, REST, AJAX, JSON

Remote Internet-Based Lidar Experimentation and Education (12/03-1/06)

Joint NASA/National Science Foundation under Grant No. 0311143

Lead Programmer and Project Manager

Environment: Academic Environment comprised of 2 PhD's supervising a mixture of undergraduate students from various departments between 2 universities.

Tools: Eclipse, Macromedia Fireworks.

Designed and implemented an internet-based remote laboratory for laser radar (Lidar) instrumentation to enable the analysis of collected data via web-based software.

Contributed to the overall system architecture, including the design of the project website using Adobe Dreamweaver, Fireworks, and Flash, as well as software to control the Lidar instruments remotely.

Wrote Java applet to analyze and display results from user experiment data sets. Technologies: Java 1.4, Java Scientific Graphics Toolkit (SGT), Swing, AWT.

Created web interface to administer user accounts.

Wrote both developer and end-user documentation.

Technologies: Java, PHP, MySQL, HTML, CSS.

Education

Quinnipiac University, Hamden, CT

M.S. in Interactive Media

Albertus Magnus College, New Haven, CT

B.S. in Management Information Systems, minor in English/Creative writing

Research Publications

Remote Internet-Based Lidar Experimentation and Education

Nimmi. C. Parikh, Jo Ann Parikh, Michael Clark, Megan Damon, Sean Mandable and Martin Connors

International Geoscience and Remote Sensing Symposium, September 20-24, 2004, Anchorage, Alaska.

An Extensible System Architecture for Web-Based Lidar Experimentation and Data Analysis

Nimmi. C. Parikh, Jo Ann Parikh, Michael Clark, Megan Damon, Sean Mandable and Martin Connors

Proceedings of the 22nd International Laser Radar Conference (ILRC 2004), Matera, Italy, July 12-16, 2004 (ESA SP-561, June 2004), 243-246.

Conference paper and poster presentation - 22nd International Laser Radar Conference (ILRC 2004), July 12-17, 2004 Matera, Italy.

Editor for Networking and Communications, Second edition

Dr. Ata Elahi, Southern Connecticut State University, New Haven CT