

Andy Mantell

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Seasoned web developer with extensive frontend and backend experience across a variety of high profile projects. Equally at home coding, writing specifications or presenting ideas to clients. Always looking to learn, improve and innovate where I can.

Skills

- Expert level frontend development including:
 - HTML5 & CSS3, including responsive techniques for mobile
 - JavaScript (*Currently favouring “vanilla” JS with Browserify, but also have extensive jQuery experience*)
 - Advanced use of Grunt.js (*Including developing custom tasks via Node.js*)
 - Expert SASS & LessCSS (*Favouring a modular approach to CSS development using SASS partials and BEM naming conventions*)
 - Extensive experience creating reusable “style guides” comprising clean & well documented modular frontend code for subsequent use by backend developers.
 - Good eye for design & solid Photoshop skills
 - Extensive experience using and customising Assemble.io and Mixture.io
 - Good knowledge of the Handlebars templating language including writing custom helpers
- Solid Node.js (Often via express)
- Version control with Git (Including various branching methodologies)
- Solid “vanilla” PHP & MySQL
- Increasingly enjoying doing TDD in Node.JS with Mocha, Jasmine, Karma.js
- Gherkin and BDD basics
- Solid working knowledge of modern DevOps practices comprising:
 - Experience working in a continuous integration environment using TravisCI, Jenkins, Atlassian Bamboo
 - Regular user of Vagrant for provisioning local development environments
 - Happy working with prolific branching methodologies in Git such as variants on Gitflow
 - Comfortable writing simple bash scripts
- Advanced Drupal 6 & 7 development including:
 - Site building
 - Custom module development (See appendix 1 for Drupal.org contrib examples)
 - Theming
 - Adherence to Drupal coding standards and best practices and use of common modules such as Views, Features, Panels, Drush
 - Experience with Drupal Commerce & Ubercart for building eCommerce sites
- Good knowledge of XML & XSLT
- Knowledge of a variety of other platforms including Magento & Wordpress
- Wireframing & rapid prototyping with Axure RP

Recent projects

- **cxpartners.co.uk**
(*CX Partners*)
Development of a frontend styleguide and backend system for the new cxpartners website. The site is built using the [Assemble](#) static site generator fed from a custom Node.JS REST API in front of a Wordpress backend.
- **Institute of Mechanical Engineers**
(*CX Partners*)
Development of a frontend styleguide for a new imeche.org website launching soon.
- **Un-named eCommerce site**
(*CX Partners*)
Development of a frontend styleguide and templates for a new eCommerce site. As part of a large team of frontend developers I was primarily responsible for working on the JavaScript heavy components. A feature branching and pull request style workflow was used to coordinate the team and as well as my development duties I was also responsible for code reviews and general vetting and merging of pull requests.
- **Brilliant Project** (*CX Partners*)
Development of a frontend styleguide and templates for a new eCommerce site. A variety of custom jQueryUI widgets were also developed in order to speed integration for the backend developers using the templates. Each piece of the UI such as the basket or a list page filter exposed public methods and published events in order that the backend team merely had to fill in the gaps by making AJAX calls as necessary.
- **XLN** (*CX Partners*)
Development of frontend styleguide & templates for a new site for XLN Telecom.
- **Holland & Barrett** (*CX Partners*)
Development of frontend templates for the new Holland & Barrett site.
- **TUI Travelbound** (*CX Partners*)
Development of a frontend styleguide for use on <http://www.travelbound.co.uk/> and sister sites.
- **Jisc** (*CX Partners*)
Development of a frontend styleguide for integration into a Drupal backend.
- **BSI** (*CX Partners*)
Development of frontend templates for the BSI site.

Employment

Freelance

(*Dec 2009 – Present*)

Formoda Ltd

Senior developer

(*Dec 2009 - March 2010*)

Nameless Media Group

Junior developer

(*Nov 2007 - Nov 2009*)

Speaking engagements

Organiser of the quarterly PlymouthJS event

Node.JS isn't scary! (An intro to Node.JS and Express)

PlymouthJS - July 2015

Modular and Maintainable frontends

Digpen 7 - September 2014

CSS Preprocessors - Why, How and "Wow!"

Digpen 5 - September 2012

Education

University of Exeter

(Sep 2004 - Jun 2007)

BSc Cognitive Science – 2:1

Appendix

[1] Drupal.org contributions

- [commerce_postal_code_filter](#)
Postal code (US ZIP codes, UK postcodes etc) filtering functionality for the Drupal Commerce checkout process.
- [sharedvue](#)
Module to facilitate easy integration with Sharedvue syndicated content for site builders.
- [coull_vidlinkr](#)
Integration with Coull Vidlinkr (<http://coull.com>) to add Vidlink buttons to embedded YouTube videos.

[2] Github projects

- [patina](#)
A Node.JS based pattern library generator. Currently work in progress, but it represents a consolidation of how I like to build frontend pattern libraries if left to my own devices! (Naturally as a contractor, I am also an expert at fitting in to *your* way of working.)
- [conduct.js](#)
This is a JavaScript plugin for registering media query specific callbacks allowing you to run different bits of code at different viewport resolutions. Written during my time at CX Partners.
- [andyantell.com](#)
Repository for my new work in progress portfolio site. Custom built using Grunt.js to compile XML down to static HTML using XSLT. This will then be hosted on an Amazon S3 bucket for supremely fast response times. Semi-dynamic content such as Twitter feeds, Last.fm recent tracks etc will be pulled down nightly in a cron task running on my Raspberry PI before rebuilding the production site. Note: this is an exercise in learning and trying new things, not necessarily a recommended production setup!

[3] Address

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