Shanna Barnard — Front-end Developer

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Front-end developer with 6+ years commercial experience. Passionate about UI development, with a background in UX. Specialising in HTML5, CSS3, JS and Responsive development.

NOTABLE ACHIEVEMENTS

✓ Key member of a small front-end team who developed an in store application to be used by the largest home improvement and garden centre retailer in the UK, with over 300 stores and 40,000 products.

✓ Contribution to the Drupal Case Study on The BMJ redevelopment, which was promoted to the home page of Drupal.org. The BMJ team were nominated for a PPA Award.

SKILLS

✓ **HTML5 / CSS3 / Responsive development:** Continuously building and maintaining modular front-end architecture. Can implement a pixel perfect, cross browser compatible, semantic, SEO optimized, responsive and retina ready HTML5 template. Focus on the creation of reusable components using object oriented CSS. A healthy respect for cross browser compatibility and ways to work around such issues, but I enjoy keeping up to date with the latest developments.

✓ **AngularJS:** Massive fan of Angular and doing things the "Angular" way has become part of my workflow. For my recent projects my primary focus has been to implement a complete user interface in the form of a mobile and desktop web apps, with an emphasis on performance.

✓ **JavaScript:** Specialise entirely on the client side. Comfortable writing vanilla JS, using JS Frameworks and Libraries. Significant amount of experience in asynchronous request handling, partial page updates, and AJAX.

✓ **JQuery:** Although most of my front-end work now revolves around more modern libraries, JQuery remains relevant.

✓ **JADE / SASS / Jasmine / Protractor / Markdown / Grunt / Gulp:** Front-end preprocessors can speed up the development cycle considerably. I use appropriate technology to make development faster and more consistent.

✓ **Miscellaneous but useful skills:** Behaviour & Test-Driven Development / Scrum (Certified Scrum Master®) / Bootstrap / Drupal / Git / Command line / Jira / Jenkins / Illustrator / Photoshop / W3C Standards Aware / Progressive enhancement

EMPLOYMENT HISTORY

March 2015 – Present

Kingfisher IT Services (KITS) — UI Specialist

AngularJS, Underscore.js, JSON, HTML5, Bootstrap3, CSS3, Grunt, Git, Jasmine, Jenkins, Chrome debugging with Batarang

Duties included creating modules and components using controllers, services and directives to build a Cordova wrapped web application (Android). Writing tested, idiomatic, and documented JavaScript, HTML and CSS. Code Reviews using Gits Pull Requests. Working closely with back-end developers to integrate a RESTful API (NodeJS). CSS implementation following SMACSS architecture using SASS (SCSS). Utilise Jenkins for deployment to several development and production environments. Agile (Scrum) environment, using JIRA as the tracking tool.

October 2013 – February 2015

BMJ — Front End Developer

The Medical School Selector and BMJ Job Reviews

AngularJS, JSON, HTML5, Bootstrap3, CSS3, Gulp, Git, Jasmine, Protractor

These were the first single page applications (built with Angular) created by the company and as a result the team were asked to introduce and trial new technologies. I lead on the introduction of Stylus (CSS preprocessor) and JADE (HTML template language). Agile (Scrum) environment, using Whiteboards and JIRA.

Duties included delivering a complete front-end application. Ensuring high performance on both mobile and desktop. Creating animations, CSS, and final HTML output. Developing e2e test suites for all components, running them with Protractor. Work with the back-end developers, and communicate with the API using standard methods. Pair programming as well as code reviews. JS social integration: Facebook, Twitter and Google Plus.

BMJ Careers

HTML5, JQuery, Bootstrap3, Susy Grid, CSS3, Git

Architecture refactor, convert a legacy application to a responsive website. My duty was to convert the frond-end from Bootstrap2 to Bootstrap3 and I chose to do this as a mobile first, retina ready approach.

The BMJ

Drupal7, HTML5, CSS3, JQuery, JavaScript, AJAX, Bootstrap

Details of the project can be found on Drupal.org (drupal.org/node/2323999). The goal of the project was to incorporate the company's new branding, create a mobile first, responsive website and move the Drupal code base from Drupal 6 to 7. Custom theme development. Produce cross-browser, W3C valid code. Create accessible user interfaces and UI components through the use of Javascript, jQuery and AJAX. Implement a modular CSS framework using SASS and Compass following the SMACSS architecture.

July 2013 – October 2013

Digital Publishing Company — Digital Designer (Freelance)

HTML5, CSS3, jQuery, Bootstrap3

Lead Design and Developer for a small company who offer online solutions to traditional print publications. Led a small team (in-house and remote developers) in all aspects of front-end development. Clients I worked with included IHS, TES, Euromoney, and Chemistry World.

December 2009 – July 2013

BMJ — Web Designer

Drupal, HTML/HTML5, JQuery, Bootstrap, CSS2/3, Adobe Creative Suite

Worked on a wide range of the company's websites as lead Web Designer and Drupal themer. Responsible for gathering requirements, wireframes, visual designs and the UI implementation using HTML, CSS, JQuery and JavaScript. Cross browser developing/testing (Modern browsers and IE6+). Cross browser performance.

EDUCATION & TRAINING

Bachelor of Commerce (BCom), Rhodes University, South Africa.

Majors: Information Systems & Management 2004 –2006

Master CIW Designer Certification, CIW — 2009

Certified Scrum Master®, Scrum Alliance. License 000327255 — 2014

Node.js, Hapi & AngularJS Training, YLD, Southampton, UK — 2015

INTERESTS

A believer in lifelong learning with a lot of my spare time spent brushing up and keeping current on the latest developments. An active user of Pluralsight and Lynda.com. Freelancer for friends and family and when not coding a keen badminton player.

References available on request.