Brandon Newton

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Experienced web developer with a passion for software engineering and solving problems.

SKILLS AND INTERESTS

Languages: HTML5, CSS3, Javascript/ES2015, Sass, MySQL, Postgresql, PHP, Ruby.

CMS & Frameworks: Ruby on Rails, Laravel, Bootstrap, Wordpress, Shopify.

Tools & Libraries: jQuery, lodash, React.js, Redux, RSpec, Mocha, Capybara, Devise, Gulp, Webpack, Git.

Interests: functional programming, React.js, Redux, Ramda.js, Rust programming language,

EXPERIENCE

Lead Developer & Software Engineer, Futureprüf, San Francisco, CA   *August 2015 - Present*
- Developed Wordpress, Drupal, and Shopify based websites with custom features using PHP and JS.
- Modernized company workflow by introducing tools such as Gulp, ESLint, Sass, and Git.
- Built a React.js application that powers a significant feature for Kodansha Comics.
- Implemented accessible responsive designs, as well as internationalization.
- Built custom web applications using Ruby on Rails, tested with RSpec and Capybara.
- Made major network optimizations by reducing network requests, optimizing SQL queries, implementing lazy loading on images, and minifying and compressing CSS and Javascript.
- Self-managed implementation of several projects, and kept work up to date with current best-practices.

Web Developer & Designer, City Bicycle Co., Sacramento, CA   *March 2015 - July 2015*
- Designed a fully responsive eCommerce and marketing website using Adobe Photoshop and Illustrator.
- Developed Shopify theme from said design using HTML5, SCSS/CSS3, Liquid, and Javascript.
- Implemented Instagram feed using Javascript and Instagram API.
- Used Gulp to optimize and compress static images, CSS, and Javascript
- Tested responsive design using BrowserStack as well as physical devices.

Web Developer, oH1.digital, Davis, CA   *July 2014 - January 2015*
- Developed Wordpress based websites using HTML5, and CSS3 with fallbacks for older browsers.
- Updated existing websites to add responsive mobile-friendly designs.

SPECIAL PROJECTS

Interactive Comic Book Reader, Futureprüf, San Francisco, CA   *September 2015 - October 2015*
Wrote a React.js application that interfaces with Wordpress as a backend to provide an online comic book reading experience for users. The Reader works by asynchronously querying a Wordpress custom content type managed by PODS(pods.io) which retrieves information as JSON about a selected chapter. The Reader has multiple layout views, uses the Javascript Fullscreen API, handles navigation with arrow keys as well as buttons, and presents upsell information at the end of each chapter.

Slaplike Music Discovery, Personal Project   *February 2016 - Present*
Currently writing a music discovery application in Ruby on Rails, React.js and Redux. The application uses the Last.fm API to asynchronously retrieve information about artists, similar artists, and the top tracks of each artist. This information is fed into a React.js/Redux application which presents a smooth interface for browsing interesting music. The application is open source and available for viewing/forking at my personal Github.

References available upon request.