

Justin Bull

bull.justin@gmail.com

github.com/jabes

linkedin.com/in/jwbull

+1 (604) 613-0873

6767 Kitchener St
Burnaby BC, V5B 2J8
Canada

A senior full-stack web developer with 10+ years of experience working with industry leaders to create innovative products for some of BC's largest companies.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, PHP, C++

DevOps: Linux, Apache, NGINX, Express, Vagrant, Docker, Ansible, AWS, Git, Jenkins

Database: MySQL, PostgreSQL, MongoDB, RethinkDB, Redis, Memcached, Doctrine

Back-end: Node, Laravel, Symfony, Wordpress, Twig

Front-end: Angular, React, Vue, Polymer, Typescript, jQuery, Webpack, Gulp, Sass

Testing: Selenium, Nightwatch, Jasmine, Mocha

PROFESSIONAL EXPERIENCE

Noise Digital – PHP Developer / Systems Admin

Nov 2017 – Current (1 year, 6 months)

- Technologies used: PHP 7.2, MySQL 5.6, Vagrant, Ansible, AWS, Symfony, Doctrine, Bash
- I, along with our tech team, work alongside the production department to develop marketing management software that gathers ad insight data to help our media planners make more informed decisions for our clients.
- My role is to connect with multiple advertising platforms including Facebook, DoubleClick, and Adobe to publish ads, track conversions, and generate reports.
- It is also my responsibility to implement and manage our AWS infrastructure which includes provisioning instances, auto scaling, load balancing, security groups, continuous integration, and deployment.

Invoke – Full Stack Developer

Feb 2015 – May 2017 (2 years, 4 months)

- Technologies used: PHP 7, MySQL 5.6, Node 8, Vagrant 2, Ansible 2, AWS, Wordpress, Doctrine 2, Angular 1, Vue 2, Webpack 3, Gulp 3, Babel 6
- I worked alongside a talented team of innovators to build products and services for some inspiring brands and startups such as Save-On-Foods, Jim Pattison, TELUS, Modo, and Mojio.
- Our team predominantly used the LAMP stack which was built with Vagrant, provisioned with Ansible, and deployed to AWS using Git and Buddy for continuous integration.
- I developed some core WordPress plugins that were used internally to help create the custom post types, fields, and taxonomies required for our theme development, as well as the infrastructure to create and seed databases.
- Our service layer consisted of Doctrine to build SQL queries, Redis to cache query results, and Twig to render the templates.

- Our presentation layer often consisted of the Angular framework which would fetch and bind data using a JSON API layer exposed by WordPress.
- I built an internal CSS framework to facilitate better UI development, including some common components such as responsive grid layouts, form inputs, buttons, and typography.
- For projects that did not use WordPress and PHP, we used the MEAN stack which was faster, easier to configure, and adopted newer ES6 features such as modules, promises, classes, and variable scoping.
- I took the opportunity to evaluate new frameworks and concepts such as single file components, of which the benefits of component-scoped CSS and separation of concerns quickly became apparent.

TELUS Digital - *Front-End Developer*

Jun 2016 - Feb 2017 (9 months)

- Technologies used: PHP 7, Node 8, Angular 1, Vue 2, Webpack 3, Twig, Sass
- I was contracted to work with the TELUS Digital Labs team to overhaul their TV subscription service so that customers could pay for individual channels and reduce monthly costs.
- I was faced with solving the challenge of removing circular dependency issues within the legacy code, which resulted in a massive effort to decouple the code between all teams.
- I worked alongside my team to upgrade from the old PHP & Angular stack to a more modern Node & Vue stack, which solved some long standing code maintenance issues with the use of Vue's self contained modules.
- I built the marketing and account pages for "Pik TV", TELUS's new internet streaming service. The biggest challenge here, was being innovative within the constraints of business rules.
- TELUS subscribes to the Agile philosophy, specifically the Scrum implementation, which was great for planning and retrospective analysis. In order to complete our sprints, code was test driven and had to pass QA inspection.

LWTL Media Inc. - *Lead Developer & Partner*

Oct 2013 - Jan 2015 (1 year, 4 months)

- Technologies used: Laravel 4, PHP 5.6, MySQL 5.5, Memcached, jQuery, Less
- Lunch With The Ladies (now Elletourage) is a social media platform which facilitates relationships among local women and has a strong emphasis on mentorship for young women.
- I worked closely with the University of Victoria to develop an algorithm that would match compatible women based on the users location, age, and interests, all of which had varying degrees of influence.
- Several innovative security features were implemented, such as stylometry to predict male users based on their language habits, and nude image detection to prevent inappropriate content.
- Among my many DevOps roles was building the server architecture, designing the database structure, creating the build and deployment process, and managing information security.
- We embraced open source technology with the use of self hosted solutions such as Piwik for usage analytics, OpenStreetMap and Leaflet for interactive maps, Redmine for project management, and Postal for mail delivery.