

## Web Developer

DRY programmer with **4 years of professional web development experience** building bespoke websites and RESTful APIs using PHP, JavaScript, CSS, and HTML.

Advocate for native or “vanilla” JavaScript, equally comfortable in the front-end or the back-end, and has a wide range of experience with different languages and frameworks. Familiar with working on several projects simultaneously and switching between different technology stacks on a regular basis.

Respected leader and experienced communicator who is able to plan for both long and short-term deadlines while continuously managing internal and external expectations and accommodating unexpected events.

Personal projects include creating a JavaScript library for music theory, collaborating on a Bluetooth-synchronized metronome mobile app, and developing a reading list plugin for WordPress.

## Employment

2013–2016	<p><b>Lead Web Developer.</b> Ellefson Technology, Toronto, Canada</p> <p>Helped to design and architect projects of all sizes ranging from one-page websites using a content management system (CMS) to bespoke Software as a Service (SaaS) systems backed by proprietary code to high-traffic, luxury e-commerce sites. Responsible for organizing and managing teams of clients, designers, and other developers in order to create tailored, responsive websites from verbal descriptions and visual mocks.</p> <p><b>Technologies Used</b></p> <p>Ajax, AngularJS, Bash, Bootstrap, Bower, Contentful, CSS3, C#, Express.js, Foundation, Google (GA/GTM), Grunt, Gulp.js, Handlebars, HTML5, JavaScript, jQuery, JSON, Less, Magento, MongoDB, MySQL, MvvmCross, Node.js, NoSQL, NPM, Photoshop, PHP, Sass (SCSS), SEO, Sketch, Slim Framework, SMTP, SOAP, Twig, WordPress, Xamarin, XML</p> <p><b>Key Achievements</b></p> <ul style="list-style-type: none"><li>—Created a custom framework for faster, more standardized in-house web development incorporating a Node.js back-end, Handlebars and Sass front-end, and Grunt workflow</li><li>—Implemented company-wide coding style guides for JavaScript, HTML, CSS, and PHP</li><li>—Identified SQL queries crashing high-traffic sites in both WordPress and Magento</li><li>—Stepped in after coworker suffered injury and in two weeks delivered an iOS app (proof of concept) built in Xamarin and MvvmCross with language localization</li><li>—Repeatedly brought new contracts to the company via word of mouth from satisfied clients</li></ul>
2012–2013	<p><b>Project Manager &amp; Web Developer.</b> University of Toronto, Toronto, Canada</p> <p>Developed websites and digital tools to support faculty research and further digital scholarship at the university. Organized purchases of professional-grade computing equipment from a grant of over \$30,000 to create a digital scholarship laboratory on campus.</p> <p><b>Technologies Used</b></p> <p>Ajax CSS, Drupal, HTML, JavaScript, jQuery, Joomla, MySQL, Omeka, PHP, WordPress</p> <p><b>Key Achievements</b></p> <ul style="list-style-type: none"><li>—Created course websites for faculty to add more digital components to their teaching</li><li>—Collaborated with campus library to provide digital scholarship training and workshops</li><li>—Prepared report on status of campus digital scholarship for Dean from 50+ faculty interviews</li></ul>

## Employment (cont.)

2012	<b>Database Engineer (Contract).</b> Purdue University, West Lafayette, USA Organized and standardized data from ~100 separate sources into a relational MySQL database able to be consumed within a larger data ecosystem.  <b>Technologies Used</b> Microsoft Access, MySQL, Visual Basic for Applications (VBA)  <b>Key Achievements</b> <ul style="list-style-type: none"><li>—Wrote VBA scripts to synthesize 300,000+ data pieces and reduce errata</li><li>—Designed database relationships and contributed to the larger project architecture based on findings within this data subset</li></ul>
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## Education

2013	<b>M.A. Renaissance Literature 1500–1700.</b> University of York, England <ul style="list-style-type: none"><li>—Recipient of the Departmental Postgraduate Award</li><li>—Awarded a Graduate Research Fund stipend</li><li>—Presented individual scholarship at two competitive conferences</li><li>—Volunteer web developer and webmaster for the Humanities Research Centre’s blog</li></ul>
2011	<b>B.S. English Language &amp; Literature.</b> University of Wisconsin–Madison, USA <ul style="list-style-type: none"><li>—President of local chapter of Student Wisconsin Education Association, 250+ members</li><li>—Took graduate-level courses and created unique independent study programme in final year</li><li>—Made the Dean’s List for academic achievement during second year</li><li>—Contributed to faculty research and created text processing software in Java for support</li></ul>

## Other Skills

Server Admin	<ul style="list-style-type: none"><li>—Used to full-stack development, LAMP and MEAN, with web servers like Apache and Nginx</li><li>—Able to deploy on cloud servers like Amazon Web Services (AWS) and DigitalOcean</li><li>—Knowledge of Unix command line on Red Hat Enterprise Linux (RHEL) and Ubuntu servers</li><li>—Exposure to automated systems like Chef, Docker, and Jenkins</li></ul>
General	<ul style="list-style-type: none"><li>—Familiarity with Agile methodologies like Scrum and Kanban</li><li>—Well-versed in using version control systems (VCS) like Git and Subversion</li><li>—Made unit tests in Karma and Mocha and end to end (E2E) tests in Selenium and PhantomJS</li><li>—Worked with APIs like Twitter, Facebook, and Instagram using authentication like OAuth2</li></ul>

## Personal

2016	<b>Metronome (In Progress).</b> Android Studio, C#, Java, XML Part of a collaborative team. Personally responsible for app UI and UX.
2015	<b>Chorus.js.</b> CSS, Grunt, HTML, JavaScript Music theory library built in native JavaScript using a custom, modular namespacing pattern
2013	<b>WP Reading List.</b> CSS, HTML, PHP, WordPress WordPress plugin which creates a custom post type for displaying reading materials
Interests	Guitar, electrical circuits (effects), travelling, hiking, sport, classic fiction