

Cameron Farquharson

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Summary

Full-Stack Web Engineer specializing in full-stack web engineering. Experienced in managing teams to create software and to layout architecture based off of technical specifications.

Highlights

- Full-stack engineering
- Custom WordPress theme development
- Single page applications
- Pipeline development
- UX Development
- Project Management
- Static site generation with GatsbyJS
- Version control

Programming Languages and Frameworks

HTML, CSS, Javascript, PHP, MySQL, MongoDB, JQuery, ReactJS, GatsbyJS, VueJS, SvelteJS, NodeJS, Bootstrap, SASS, LESS, WordPress, ES6/7/8, Apollo, GraphQL, Styled Components, PostCSS.

Relevant Work Experience

Director of Development, Cinnamon Toast New Media Inc.

Hamilton, ON, January 2021 - Current

- Led development team meetings to help prioritize tasks for the day
- Create learning paths to help increase the skill levels of team members based on their strengths and weaknesses.
- Architected custom Rest API endpoints for external vendors to utilize our data.
- Scoped out the functional requirements of projects and chose the best technology for the project based on the team members developing projects.
- Worked with the management team to implement cross-pollination meetings to help content, design, development, QA and project management departments better understand each other.
- Adjusted the web development sprints to integrate browser testing and accessibility testing.
- Collaborated with management to modernize the technology stack from just WordPress to utilizing more Jamstack technologies like ReactJS, GatsbyJS and SvelteJS.
- Led code reviews in order to sign off for the launch of web projects.

Full-stack Engineer, Cinnamon Toast New Media Inc.

Hamilton, ON, May 2020 - December 2020

- Met with the project manager to determine the scope of work for projects.
- Worked with the lead designer to make sure web projects work built to design and user experience specifications.
- Utilized ReactJS, GatsbyJS and WordPress to create headless WordPress websites.
- Created team wide "level ups" to increase the skills of the development team.
- Consumed Rest APIs to generate dynamic information on web pages.
- Updated the base internal WordPress theme to utilize modern tooling (Webpack, Husky, PostCSS, pA11y, headless Chrome) for faster and better custom theme development.
- Hired developers to augment the team with new skill sets.

Web Developer, Muse Marketing Group**Hamilton, ON, November 2019 - March 2020**

- Met with project manager to determine the scope of work for projects.
- Worked with the lead designer to make sure web projects work built to design and user experience specifications.
- Utilized ReactJS, GatsbyJS and WordPress to create headless WordPress websites.
- Created a ReactJS application to automatically generate theme colours, header types, and font families.
- Implemented a Git workflow to enable easier collaboration with other developers working on projects.
- Optimized Muse Marketing Group's website, which saw a 100% increase in traffic.

Web Developer, McMaster University - Media Production Services**Hamilton, ON, May 2018 - November 2019**

- Discuss options with stakeholders to make sure websites meet their needs as well as the needs of their audiences.
- Developed and successfully launched future.mcmaster.ca, McMaster's most critical website.
- Collaborated with the other web developers in Media Production Services to create a WordPress theme for content editors to build a basic website according to McMaster's brand standards.
 - Examples include a carousel (with HTML, PHP and Javascript, including the option to have Youtube videos as a background), created a sidebar layout, created various "card" types, front-end post submission, custom AJAX login pages and leveraged cron jobs for post expiration.
- Created responsive email templates for use in various emailing systems to better engage McMaster's external and internal supporters.
- Met with the other web developers to discuss how we could improve on our WordPress theme, to add new features, increase the appeal to clients and to address the implementation of the new Gutenberg editor.
- Used continuous integration and deployment to maintain and add new features to each of our websites.
- Performed accessibility, performance and mobile optimization audits to ensure all users are able to use the WordPress themes.

Web Developer, Redeemer University College**Ancaster, ON, May 2017 - May 2018**

- Discuss options with stakeholders to make sure websites meet their needs as well as the needs of their audiences.
- Successfully created responsive email templates for use in MailChimp to better engage Redeemer's external and internal audiences.
- Proficient in taking PSD design files and creating internal websites based off of the design files, utilizing HTML, CSS, LESS, Javascript and PHP to complete projects.
- Launched Redeemer's new job board for students and alumni by analyzing current trends in job boards and discerning what design fit in Redeemer's brand.
- Research changes between PHP 5 and PHP 7 and refactored custom WordPress plugins accordingly.

Education

- Master of Theological Studies, McMaster Divinity School (2017)
- Bachelor of Arts, Religion and Theology, minor in Computer Science, Redeemer University College (2013).

Volunteer Experience

- St Clair Community Church (Set-up volunteer and breakfast preparation volunteer) , June 2014 – Present.
- Mennonite Central Committee (Volunteer coordinator: Coordinated and led volunteer work-teams to complete home repair tasks) May 2007 – August 2011.