

Troy Chaplin

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Primary Skills

Development

- ReactJS
- Typescript
- Javascript
- WordPress
- Gutenberg
- Tailwind CSS / Sass / CSS,
- PHP
- Webpack
- Cypress
- Storybook JS
- Github Workflows / Actions
- Bash scripts
- Figma / Sketch / Illustrator
- Jira

Other Skills

- Leadership, mentoring, training, project management, sprint planning, time management, presentation / public speaking, client communications

Senior Web Developer

Web Services, Carleton University

August 2022 — Present

Experience Gained

- ReactJS, Typescript, Javascript, NextJS, TailwindCSS, Gutenberg, Component development, Web design, Webpack, PHP, CSS, Cypress, StorybookJS, Github Workflows, Accessibility
- Leadership, mentoring, project management, sprint planning, client communications

Role Responsibilities

- Primary designer and lead developer on [Raven Design System \(RDS\)](#), a React component library and a key piece of the university's digital brand guide.
- Lead developer on a [WordPress project called cutheme](#) that leverages RDS for Gutenberg blocks in a custom multi-block plugin and a hybrid theme that uses features from both classic and block themes and features 36 unique custom blocks to go along with 1 allowed core blocks.
- Lead or assisted development of various NextJS projects such as an HR Digital Transformation initiative to convert all paper forms to online forms, and an online Event Calendar for the university community.
- Plan the migration of nearly 700 individual WordPress sites in a new multisite network which included development of a series of custom plugins or bash scripts to manipulate and map data from shortcodes and old meta fields into new fields or block attributes.
- Plan and review project requirements and timelines as well as create and manage tasks in active sprints and backlog, and communicating progress with stakeholders.
- Lead the senior developer group and director in reoccurring sprint planning sessions.
- Conduct GitHub PRs and work with developers to ensure clean, consistent code, accessible and bug free code is being produced.
- Lead and/or participate in daily developer sessions that aim to assist with solving blockers or provide guidance on tasks.
- Collaborate with other developer groups on campus to ensure web brand standards and discuss improvements to user experience and future component designs.
- Write and maintain technical documentation for our projects as well as user and support documentation.
- Work with the manager to develop learning plans for the dev group.

Acting Manager

Web Services, Carleton University

September 2023 — March 2024

Experience Gained

- Leadership, mentoring, project management, sprint planning, time management

Role Responsibilities

- Lead a team of 5 developers and 3 communication and support staff while maintaining responsibilities and workload as a senior developer.
- Build new and progress existing collaborations with departments and other stakeholders in the web brand and other activities and initiatives related to the business goals of the university.

- Create and update project plans and meet with senior developer group to review, discuss needs and goals as well as to plan tasks for upcoming sprint work.
- Develop learning plans for developers and conduct regular group and individual meetings to discuss work, issues, concerns, interest, career goals and more.

Lead Designer and Developer

International Documents Canada

May 2015 — Present

Experience Gained

- ReactJS, Javascript, Web design, WordPress theme and plugin development, PHP, CSS, Webpack, Gulp, Accessibility, Jira Cloud
- Project management, time management, expectation management

Role Responsibilities

- Lead designer and developer in a web consultant role with continued support and maintenance on a long standing WordPress configuration.
- Alongside of the CEO strategize new initiatives for web design, content and marketing.
- Assist in the configuration of a Jira Cloud based solution to replace an existing Laravel client services application.
- Coordinate on-going server architecture and requirements with an Amazon AWS certified consultant.

Research Management System Jira Specialist

Technical Services, Carleton University

September 2020 — August 2022

Experience Gained

- Jira Data Centre, Jira plugins, asset management, data schemas
- Project management, time management, critical thinking

Role Responsibilities

- Plan and develop a custom Jira Service Management project specific to the needs of researchers at the university with a focus on workflows and approvals.
- Create a method to request funding and track approvals and other financial data and sync data at key point of the workflow with a module in our Ellucian Banner solution.
- Develop processes to manage the application for various certification requirements that relate to a variety of research project funding requests.
- Create connections to Jira custom fields by syncing data from external APIs and storing data into an asset management tool built into Jira.
- Develop workflows, screen views, fields, request type and various forms for a wide range of user support portals.
- Create a series of dashboards and filters to streamline views on new and existing tickets across a variety of Jira support projects.
- Assist the Manager, Technical Services in planning and executing upgrades and general maintenance of a clustered Jira environment.

Web Developer

Web Services, Carleton University

November 2010 — September 2020

Experience Gained

- WordPress theme and plugin development, Web design, ReactJS, Javascript, PHP, CSS, Accessibility, Webpack, Gulp

Role Responsibilities

- Assisted in design and development of various custom WordPress implementations.
- Plan, test and execute upgrades to our WordPress and plugin infrastructure.
- Plan and improve UI and UX elements across both the frontend and backend of various projects.
- Prototype development for early Gutenberg blocks with ReactJS for future WordPress projects.
- Managed projects and tasks to ensure timelines were met.
- Developed a [multi-tenant application configuration](#) to manage hundreds of WordPress sites.
- Developed bash scripts to assist in various tasks such as the conversion and updating of content to maintain data as well as local environment configurations.
- Write and maintain technical and user documentation to support our projects.
- Liaison with clients and stakeholder to present ideas and initiatives as well as providing support or assistance with various other needs.

Web Developer

Sprott School of Business, Carleton University

October 2009 — November 2010

Experience Gained

- Javascript, HTML, CSS, PHP, Web design
- Project planning, presentation skills, Google analytics

Role Responsibilities

- Worked with communications team to review existing site content and analytics to help plan the direction of a new site.
- Collaborated with lead web developer in Academic Computing to design a new look and feel for the school following the university's web brand.
- Reoccurring meetings with senior management to review web related activities throughout the school and discuss needs that fall outside the primary web site renewal.

Web Developer

Academic Computing, Carleton University

January 2009 — October 2009

Experience Gained

- WordPress theme and plugin development, HTML, Javascript, CSS, PHP, Web design
- Project management, project planning, presentation skills, Google analytics

Role Responsibilities

- Worked with the lead web developer to design and develop new features for the university's first content management system
- Worked with the Manager of Academic Computing and a Project Manager to engage with key stakeholder throughout the various faculties, departments and units to discuss their web site needs and goals.
- Worked with and delegated tasks to content facilitators to quickly migrated or build new sites.
- Provide training and support to new and existing web users of our content management system as well as to discuss their needs for potential new features.

Graphic Designer and Web Developer

Universities Canada

August 2001 — December 2009

Experience Gained

- HTML, CSS, Javascript, Dreamweaver, Print production, web design and development, WordPress theme modification, InDesign layout and content flow
- Project planning, time management

Role Responsibilities

- Designed and developed dreamweaver templates for the corporate web site as well as features for their flagship publication, University Affairs.
- Developed a method of extracting data from an internal database that would generate output that could be flowed into an InDesign template to reduce manual work on various yearly publications.
- Worked with the marketing manager to design and develop various marketing initiatives and campaign materials.
- Worked with the advertising assistant to design print ads for various magazines.
- Develop a multi-columned InDesign template to support paid text ads for university job postings and on a monthly basis flow the text ads into the template and review mock ups being returned from the printer before full production.
- Working with the Office of the President design and develop a package of print materials to support a twice yearly conference of university presidents to discuss the ever changing landscape of the higher education industry.
- Provide web and design support and guidance to various departments across the organization.
- First experience with WordPress, around 2007, modifying free themes.

Education

Graphic Design Diploma, September 1997 — May 2000

St. Lawrence College, Kingston Ontario

Courses with various level of difficulty relating, but not limited too:

React, NextJS, Javascript, Typescript, WordPress, CSS, PHP, E2E Testing