

DANIELLE BASTIEN

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Objective

I love the complexities of designing accessible systems for the web and am looking for opportunities to utilize my skills while learning and being challenged

Professional Experience

Senior Front-End Developer at Approach Controls Inc - monitor and remotely control fleets and reduce emissions: Angular Apps utilizing Http, MQTT, and or WebSocket for interfacing to control machinery.

Agile Development

Remote

October 2022

HTML5, CSS SCSS, Typescript Angular 12, WebSocket, Storybook 6

- Guided leadership and junior developers on best practices for front-end development through continuous communication, training modules, and one-on-one mentoring.
- Developed reusable HTML, CSS, and Typescript Angular components for the shared UI library with samples, testing, and documentation managed using Storybook. Implemented routing, views, subscriptions, and observables for the application to connect data streams while utilizing reusable components from the shared library.
- Prototyped UI design and functionality, created technical documentation and development guides, and implemented development tooling and automation, including linting, unit tests, and pre-commit hooks.

Lead Front-End Web Developer at Postmedia Network Digital - relaunching sites from WordPress to a new platform built with the Python Django framework.

Agile Development

Remote

September 2019 - October 2022

HTML5, CSS SCSS, Typescript, ES6, JSON, Python

- Lead architecture on mobile-first responsive web development, accessibility, custom design system, and asset delivery for the Digital department
- Guided and problem-solved with 6 development teams on front-end development standards and best practices in peer reviews, pair coding and cycle planning

- Primary development department stakeholder in the company design system and accessibility requirements
- Prototyped UI design and functionality for the design department
- Acting Team Lead on the core news and subscriptions development teams
- Developed reusable HTML, CSS and Typescript components for the design system, with Jest unit tests
- Developed themeable responsive components using design tokens
- Developed semantic HTML for accessibility WCAG Level AA
- Developed template systems for user-generated content
- Tested components with keyboard only and screen readers and cross-browser compatibility
- Utilized SVG, JSON+LD schemas and Web APIs
- Developed article pages with the Google AMP, Facebook IA frameworks
- Implemented 3rd party APIs to create user experiences outlined by the design and product team and tracking codes
- Developed custom template filters, tags and unit tests in Python
- Modified Django packages for internal use cases and submitting to open-source repositories
- Developed custom Webpack configurations for typescript, Gulp configurations for SCSS, upgrading packages and dependencies
- Performed asset optimization, compression and formatting
- Wrote technical documentation

Front-End Web Developer at 411 Local Search Corp - bilingual mobile-first responsive single-page search and directory web application, 30 landing pages, WordPress blog, internal customer management and financial tools.

Agile Development

Hybrid Remote

September 2015 - September 2019

HTML5, CSS SCSS, Angular 4+, RxJS, JSON, PHP

Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Adobe Premier

- Front-end codebase ownership, UX & accessibility champion
- Redesign completed in AngularJS, hybrid upgraded to Angular 4, then cli-based upgrading to Angular 9

- Developed semantic HTML for SEO and accessibility, templating for user-generated content, use of SVG, microdata and Web APIs
- Developed cross-platform and cross-browser responsive CSS, utilizing CSS grid, flexbox, support queries and media queries
- Developed JavaScript in Typescript to create and implement components, code split and lazy load routing, apply graceful degradation and progressive enhancement best practices for client and server-side rendering (ng universal and PWA)
- Utilized RxJS observables and other library operations when fetching JSON from microservices and creating app services.
- Developed template-driven and reactive forms and custom form validators, smartphone and autofill optimized HTML5 inputs
- Developed reactive JavaScript to implement business rules for the management of customer products and services through internal financial tools
- Implemented Angular Material component library for internal tools, and Angular Bootstrap component library for the main site
- Third-party integrations implemented widgets, UI libraries, component libraries, and tracking codes
- Asset optimization, compression and formatting
- Volunteered for the internal committee doing photography, video, graphics, event planning, budgeting, organizing and staffing events.

Web Developer at Site Technologies Inc Veloxsites - bilingual white-label CMS website builder web application (SaaS), web tools, 10 landing pages, WordPress blog and corporate website

Agile Development

On-Site

April 2013 - September 2015

HTML5, CSS LESS, AJAX, jQuery, JSON, PHP, XML, MySQL, Typekit

Adobe Photoshop, Adobe Illustrator, Adobe Premier, Adobe Audition

- Designed and executed HTML5 layouts, leveraging templating for user-generated content and writing LESS for layout theming, resulting in visually appealing and functional web layouts for customers to choose from.

- Developed custom forms with both client and server-side validators, ensuring high-quality data input while applying appropriate sanitization techniques to prevent security issues.
- Utilized object-oriented PHP classes to create efficient code that allowed for seamless CRUD operations with MySQL, streamlining backend processes.
- Seamlessly integrated third-party widgets, UI libraries, jQuery plugins, and tracking codes to enhance functionality for customer dashboard control of their website.
- Optimized multimedia assets, including video and sound editing, social media graphics, and asset processing, improving website load times and overall user experience.

Relevant Technical Skill

HTML5 WCAG 2.2, semantic and accessible elements, forms and custom validation, responsive images, progressive enhancement, SVG, social and SEO metadata, schema microdata

CSS css custom properties, grid, flex, media queries, support queries, animations, responsive web design, dart sass, methodology: CUBE, BEM, SMACSS, frameworks: bootstrap, material UI, cross-browser compatibility, best practices for accessibility and performance.

JavaScript Typescript, Webpack, JSON, history API, intersection observer, mutation observer, local storage, service workers & PWA and other Web APIs, server & client-side rendering, state transfer and management, RxJS subscriptions, observables, single page applications, model view controller; frameworks: Angular, jQuery, Jest, Karma+Jasmine

Git, Google Tag Manager, Google Analytics, Python + Django and PHP, JIRA, Confluence, GitHub, GitLab, Bitbucket, Adobe Photoshop, Adobe Illustrator, Adobe Lightroom, Adobe After Effects, Final Cut Pro, Adobe Premier Pro, Adobe Audition

Education & Training

Workshop: Dynamic CSS with Custom Properties 2021

OpenJS Stream 2020

NG Conf Stream 2019

Micro Frontends: The Key to Scaling Single Page Applications Webinar 2018

Google mSite Hackathon 2017

Web Design, Development and Maintenance Certificate March 2013

Humber College Institute of Technology and Advanced Learning

Film and Television Production May 2012

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