

Ethan McIntyre

Full-Stack Web Developer

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Software

Visual Studio, Visual Studio Code,

PuTTY, Postman, MySQL

Workbench, Adobe XD, Figma,

Unity, GitHub Desktop, Jira,

Microsoft Suite, Slack, Android

Studio, RStudio, Adobe Creative

Suite

Development / Programming

Languages / Technologies

JavaScript, Typescript, HTML,

CSS, Sass, Python, PHP, SQL,

PostgreSQL, Elasticsearch, XML,

JSON, YAML, C, C++, C#

Web Frameworks

Vue, React, Angular, Svelte, Next,

Gatsby, Nuxt, Express, jQuery,

Laravel, Jigsaw, WebdriverIO

CSS / UI Frameworks

Tailwind CSS, Bootstrap, ElasticUI

Content Management Systems

Wordpress, Drupal, Netlify CMS

Tools / Other

Windows PowerShell, NodeJS,

npm, CLI, AWS, Docker, Git, Git

CLI, Github, GitLab

Design Skills

User Research, User Journey

Creation, Persona Creation, Web

Design, Wireframing, UI & UX

Design, Motion Graphics Design

Work Experience

Web Developer

Jan. 2021 – Aug. 2021 & May 2022 – Aug. 2022

Health Canada – Health Products and Food

Ottawa, ON.

- Developed a front-end search tool using Vue, HTML, CSS, Git, Node JS, Nuxt JS and Tailwind CSS allowing users to construct complicated custom search queries to search through data stored in a PostgreSQL database
- Built an Express JS-based REST API to effectively provide the front-end of the application with JSON data pulled from PostgreSQL and Elasticsearch databases using queries, and used Postman to assess response time and test the API's endpoints
- Developed remotely using SSH in Visual Studio Code and Linux CLI to connect to a remote server used to host development projects
- Built a small-scale tool used to find and highlight drug related terms in user provided text using an existing API, Svelte, Axios, and Tailwind CSS
- Created a NextJS / React-based static site template that could be configured using a YAML file that uses Drupal as a Headless CMS

Full Stack Developer

Aug. 2021 – Dec. 2021

Blackberry

Ottawa, ON.

- Worked to help address bugs within the Radar system using a combination of Angular, React, NodeJS, and SQL, and other web technologies
- Created automated UI tests using WebdriverIO to verify that key features of the Radar portal web-application were working as expected
- Participated in regular team stand-ups and worked in two-week long sprints in accordance with the Scrum framework

Assistant Front End Developer

May. 2020 – Aug. 2020

Carleton University

Ottawa, ON.

- Developed and assisted in designing various components using Vue, HTML, CSS, JavaScript, and Tailwind CSS, and later helped reconfigure the components to work within an ongoing overhaul / redesign of a PHP-based WordPress theme
- Helped create a documentation website for in-development Vue components using Laravel, Jigsaw, Vue, HTML, and CSS with the aim of assisting and expediting future development projects within the office
- Worked fully remotely using a combination of MS Outlook, MS Teams, and Slack to create consistent streams of communication, and enable collaboration with other developers

Applied Projects

Occasional — Transit Web Application

Sept. 2022 – Dec. 2022

- Created a React-based web transit app using TypeScript, Tailwind CSS, React Router, and Axios, built on top of OC Transpo's transit API, and utilizing Google's Map API for map and bus stop visualization
- Used Postman to assess and test various endpoints from OC Transpo's REST API
- Set up and managed a git repository for collaborative development in a small team of 4 developers

The Shoppies — Programming Challenge

Sept. 2020

- Designed and developed a small-scale web application that accesses a RESTful API that provides data for movies and allows for the user to nominate five movies of their choice
- Used Vue JS, Vue CLI, Axios, HTML, CSS, and Tailwind CSS to create a visually appealing and highly functional responsive web application

Green Thumb — Web Development Project

Jan. 2020 – May 2020

- Worked in an agile team to develop a plant care web-based application using HTML, CSS, jQuery, and Bootstrap
- Contributed to the UX process by helping refine wireframes and mock-ups for ideal user interaction

Education

Carleton University

Sept. 2018 – Apr. 2023

Bachelor of Information Technology

Ottawa, ON

- Web & User Interfaces Stream