

# MATT ANDERSON

web developer & web technology instructor | [backattheranch.ca](http://backattheranch.ca)

## OBJECTIVE

Making a difference by building usable, highly performant web experiences with clean, modern code, in a progressive and positive organization.

## SKILLS

I excel at the intersection of user experience and quality code. Building resilient front end experiences.

HTML5/CSS/SASS

JAVASCRIPT/TYPESCRIPT

REACT/REDUX

ANGULAR, ANGULARJS

D3 JS FOR VISUALIZATIONS

ADOBE CREATIVE SUITE

HUMAN-CENTRED DESIGN

## EXPERIENCE

### SOFTWARE ENGINEER

#### HIGHER GROUND EDUCATION INC.

Feb. 2021 – Feb. 2023

Front-end web development for an education provider specializing in Montessori education, providing teachers with the ability to create courses, lesson plans, assignments and assessments. Students can submit work and track their progress.

#### Projects:

- Web app built with two front end stacks: Ember, React/Redux; and Django REST Framework back end
- Porting components from the Ember app to the React app, as well as implementing new features in the React app
- Unit tests with super high coverage using react-testing-library and redux-saga-test-plan
- Printable lesson plan

### FRONTEND DEVELOPER

#### FRESHGRADE EDUCATION INC.

May 2019 – Feb. 2021

Front-end web development for an online environment designed for teachers, students and parents, providing classes, assignments, portfolios and assessments.

#### Projects:

- Web app built with React/Redux
- Mobile apps for iOS and Android built with Apache Cordova
- Several features including Join Your School (first step to helping teachers build their social graph), printable gradebook



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## SENIOR WEB DEVELOPER

### CENTRAL1

October 2014 – May 2019

Front-end web development for a complex banking system that provides a white-labeled SaaS for hundreds of credit unions across Canada. Primarily worked on the new retail banking product and mobile apps.

#### Projects:

- Alexa Skill for bill payments, balances and transfers through voice activated services.
- Migrating features of the mobile app from web content generated on the server side to built-in Ionic components that consume REST web services.
- Online voting for credit union elections within the mobile app.
- Lock and Block feature that gives customers the ability to lock out debit cards that may be lost or stolen, or block individual actions. (recognized by colleagues for delivering feature ahead of schedule)

#### Responsible for developing and instructing:

- HTML/CSS (emphasizing web standards, mobile and responsive web design)
- JavaScript/jQuery (incorporating programming basics, progressive enhancement, Ajax)
- WordPress (emphasizing theme development)
- Drupal
- Photoshop
- Server-side development with PHP
- Flash (incl. graphics, animation, scripting)

## WEB TECHNOLOGY INSTRUCTOR

### CAPILANO U, INTERACTIVE DESIGN PROGRAM

November 1996 – April 2014

A core instructor for many courses in the IDEA and Interactive Design (program closed in 2014) Programs.



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## CONSULTING WEB DEVELOPER

### FREELANCE

July 1995 - October 2014

Specializing in the design, development and production of interactive media experiences and applications.

#### Projects:

- WordPress customization for promotional/community website for Coast Mountain Academy. <http://www.coastmountainacademy.ca/>
- WordPress plugin for Neomama, yoga studio's course scheduling platform.
- Resort marketing website development and maintenance for Kingdom Hotels International.
- Development of new website front end, and enhancements to back-end management system, for Liz Bell Agency. <http://www.lizbellagency.com/>
- Design and development of an online member management system for BC Art Therapy Association.
- Development of an e-commerce platform for [Custom Iron Works](#).

## EDUCATION

### DIPLOMA in APPLIED INFORMATION TECHNOLOGY

#### CAPILANO UNIVERSITY

- Diploma in Applied Information Technology
- Dean's List
- L. Fisher Memorial Scholarship

### BACHELOR OF FINE ARTS (Hons)

#### EMILY CARR UNIVERSITY OF ART AND DESIGN

- Merit Award Recipient

