

# KATELYN MA

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📍 Vancouver, BC

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Web developer, practiced in functional and object oriented programming in languages such as JavaScript and Java. Quick to learn new skills and adapt to new syntaxes, while driven to tackle difficult problems. Built multiple web applications that serve information in the forms of SPA and multipage apps.

## Skills

### LANGUAGES:

JavaScript, SQL, NoSQL, CSS3, HTML5, SASS/SCSS

### FRAMEWORKS / LIBRARIES

Express, Vue, React, Node, AJAX, jQuery, Axios, WebSockets, Webpack

### DATABASE

MySQL, MongoDB

### TESTING

Jest, Supertest

### SPOKEN LANGUAGES

English, Mandarin

### OTHER TOOLS / SKILLS

GraphQL, CI/CD, AWS, Docker, Relational Database Design, Postman, API testing

### AUTH/SECURITY

JWT, cookies, session, Helmet.js, AuthO, Bcrypt, Passport.js

## Education

### Fullstack Web Development Bootcamp

July 2021 to Oct. 2021

### Oregon state university

2021 to 2024

### Bachelor of Science Computer science

### University of British Columbia

2017 to 2021

### Bachelor of Arts Psychology

## Employment

### NYCDigitalMarketing

#### Junior Web Developer Intern

Apr. 2021 to Oct. 2021

- Built full-stack web applications using the MERN frameworks, delivering high-quality work within tight deadlines.
- Successfully integrated user-facing elements with server-side logic, resulting in seamless user experiences.
- Improved application performance and scalability, resulting in faster load times and increased efficiency.
- Conducted QA and integration for web applications, ensuring that all features were working as intended before deployment.

### Wysdom.AI

#### Full Stack Developer

Oct. 2021 to Mar. 2023

- Utilized expertise in JavaScript frameworks, HTML, SCSS/CSS to develop chatbots and analytical platforms with exceptional user interfaces.(50%)
- Employed NodeJS/MongoDB for the server side, ensuring efficient and scalable performance.(50%)
- Worked closely with product, QA teams to ensure the best possible user experience for end-users.
- Thrived in an Agile environment, delivering high-quality work within tight deadlines.

## Projects

### Mood Score - Fullstack

Oct. 2021 to Oct. 2021

- Tech Stack: JS, React, Html/Css, Bootstrap, MongoDB, Mongoose, Express, Bcrypt, SCSS, Node.js, ChartJS, sentiment-ptbr, JSON/Jwt
- Result: This app calculates a weekly mood score based on a user's responses to a form, using AFINN-based sentiment analysis. Users can view and modify past forms, and track their mood score on a line chart with the weekly average. The app also provides resources for maintaining psychological health and allows users to chat with GuidingBot for assistance based on their mood scores.

### Pet Adoption - Fullstack

Sept. 2021 to Sept. 2021

- Tech Stack: JS/jquery, Python3, HTML5/CSS3/SCSS/Less, Bootstrap, SQL, Flask, RESTful API, Bcrypt, AWS EC2, Jinja2
- Result: This pet adoption app provides easy access to the Petfinder API and a smooth user experience. After registration, users receive a verification email with a confirmation link. They can view information on available animals and begin adoption applications. Users can also search for local pets, view profiles, start applications, and add pets to their watchlist. If a pet has been adopted, applications will not go through.

### Project Manager - Fullstack

Aug. 2021 to Aug. 2021

- Tech Stack: Java8, JSP, Tomcat, MySQL, OOP, Bcrypt, Bootstrap, JPA, JUnit, JVM, RESTful routing, AWS EC2
- Result: This app uses Java Spring Tool Suite 4 and MySQL to manage projects with many-to-many relationships. User passwords are encrypted with Bcrypt and hashed for security. Validations are used for all forms. The top table shows projects the user is not a part of, while the bottom table shows their involvement. Users can only edit projects they lead, with full CRUD functionality available.

### NANA Mission Control - Fullstack

Mar. 2023 to Mar. 2023

- Tech Stack: JS, NodeJs, Express, Jest, Supertest, PM2. REST API, React, AWS, Mongoose, Morgan, Cors, Arwes
- Result: This app allows users to schedule a mission launch for interstellar travel to one of the Kepler Exoplanets. It features a rocket mission control platform where users can launch, abort, and view upcoming and historical launches. The project demonstrates knowledge of NodeJs, React, and their related frameworks and libraries.