

Kyle Montville

Full-Stack Web Developer

Teacher turned web developer, now building responsive, performant, designer websites under my personal business CodingCat, LLC. Six years as a high school science teacher has given me a wide array of highly developed soft-skills which will facilitate my rapid deployment into a development team with an expeditious understanding of their work-flow and production pipelines. Problem solving, collaboration, and communication are my specialties. Eager to learn, quick to comprehend, and excited to start delivering value to your company.

Contract Work

South Royalton Health Center (currently in staging)

<https://srhealthcenter.netlify.app>

- Designed and deployed a responsive, high-speed, mobile-first website for a local doctor's office
- Updated the design and layout to integrate modern web components such as responsive navbars, expansion panels, dialogs, and drop-down menus
- Improved the UI/UX and accessibility experience for users accessing the website using ARIA standards
- Decreased page loading times across the website by as much as half
- Built using Vue 3 and customized Vuetify components

Black Moon Games

<https://black-moon-games.com>

- Designed and deployed a responsive, high speed, mobile-first website for a local game store
- Increased web traffic by a factor of 2x to approximately 1000 users/month and rising
- Decreased page loading speeds from 3.0 seconds to 0.50 seconds or lower, on average
- Increased overall page conversion rate and average position in web searches
- Created a dynamic events calendar synced with Google Calendar API and a custom content management system for the admin user
- Uses Vue 3 for the frontend, Python for the backend, and Django Wagtail for the headless CMS & admin dashboard

Personal Projects


OpenVeg API (development ongoing)

<https://openveg.app>

- An API for locating vegan/vegetarian restaurants by name, state, and/or zip code
- Uses FastAPI for managing backend queries and React for frontend searching and filtering tools
- Uses Heroku PostgreSQL for persistent data storage
- Data added to database after being gathered and filtered programmatically via BeautifulSoup web scraping tools
- Includes utility functions for updating and deleting database entries by ID
- Future updates will allow additional searching for events, businesses, and organizations; user authentication and individual API keys for open source contributions

Contact

 **San Francisco, California**

 **518-844-6577**

 [**ksmontville@gmail.com**](mailto:ksmontville@gmail.com)

 [**https://www.linkedin.com/in/kyle-montville**](https://www.linkedin.com/in/kyle-montville)

 [**https://www.github.com/ksmontville**](https://www.github.com/ksmontville)

 [**https://www.kylemontville.dev**](https://www.kylemontville.dev)

 [**https://codingcat.io**](https://codingcat.io)

Education

- **Clarkson University, 2016-2017**
 - Master of Arts in Teaching
 - *Summa Cum Laude*
- **SUNY at Albany, 2012-2016**
 - Bachelor of Science in Physics
 - Bachelor of Science in Mathematics
 - *Magna Cum Laude*

Technologies

- **Python**
 - FastAPI
 - Django
 - Flask
- **JavaScript**
 - React.js
 - Vue.js
- **Web Technologies & Frameworks**
 - HTML
 - CSS
 - Tailwind CSS
 - Vuetify
 - Bootstrap 5
- **Databases & ORMs**
 - PostgreSQL
 - SQLAlchemy
- **Git Workflow**
 - Git & GitHub CLI
- **Platforms as a Service**
 - AWS (S3 Buckets, IAM permissions)
 - Heroku
 - Netlify
 - Auth0