Kyle Montville
Full-Stack Web Developer

Teacher turned web developer, now building small to medium-sized responsive, high speed, custom-made, user friendly business websites in which clients require the ability to frequently modify page content and rank highly in Google Search queries. 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.

Consulting Work

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

Mental Health Dashboard (development ongoing)

https://drliza-mentalhealth.herokuapp.com

- ➢ **Username: GuestAccount, Password: !Password**
- ➢ A prototype web app built for managing adolescent mental health and as a repository of useful resources
- ➢ Users can create an array of mental health exercises either from a pre-made list or through custom input
- ➢ Uses Vue 3 for dynamic frontend interaction and Django Rest Framework for API endpoints which manage creating, reading, updating, and deleting queries
- ➢ Uses Heroku PostgreSQL to manage persistent user data
- ➢ Provides user login and data protection secured with third-party service Auth0

Contact

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- **https://www.github.com/ksmontville**
- **https://www.kylemontville.dev**

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
  - ○ Bootstrap 5
- ➢ **Databases & ORMs**
  - ○ PostgreSQL
  - ○ SQLite
  - ○ SQLAlchemy
- ➢ **Git Workflow**
  - ○ Git
  - ○ GitHub CLI
- ➢ **Platforms as a Service**
  - ○ AWS (S3 Buckets, IAM permissions)
  - ○ Heroku
  - ○ Netlify
  - ○ Auth0