

# Michael Davis (Mike, he/him) | Denver, CO

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## FULL-STACK WEB DEVELOPER

**Highly teachable & self-motivated software developer, with strong fundamentals in front & back end code.** Sporting a deep background in multimedia production & creative entrepreneurship, Mike exhibits outside-the-box thinking, exceptional attention to detail, and a knack for solving technical issues. Through concise communication, robust leadership, and a passion for system architecture, Mike tactfully balances sociotechnical priorities in building diverse web applications.

### TECHNICAL SKILLS (refer to [portfolio site](#) for more detail)

**Languages:** HTML, CSS, JavaScript, JSON, React, Redux, Ruby, Ruby on Rails, ERB, SQL, Python

**Frameworks & Technologies:** SCSS, Tailwind, Daisy UI, Semantic UI, VS Code, Github, Postman, PostgreSQL, Rails Views, Vite, Node.js, Linux, Bash, AWS, Figma, Netlify, Render, Wordpress, Microsoft Office, Google API, Adobe (*Photoshop, Illustrator, Premiere, After Effects*)

**Tech Skills:** OOP, RESTful API, CLI, Authentication & Authorization, Client-Side Routing, Unit Testing, Integration Testing, Error/Exception Handling, Data Validation, Version Control, Virtual Disks, SMTP, DNS Records, Environment Variables, Responsive Design, Dynamic Rendering, UI/UX, Wireframing, CI/CD, Agile/Scrum, Audio-Video Production

### PROJECTS (navigate to Github links for more in-depth project explanations)

**Backyard Bowls Food Truck** - Full Stack Web App for Food Truck Business - [Github](#)

React Front End | Rails Back End API | User Auth | CRUD | Unit/Integration Testing | Tailwind | Mobile-Responsive

- End-user can create/delete account, edit account details, like items, and create/edit their own comments/ratings
- Back end is strictly an API, w/custom-built unit testing & integration testing for faster development & fewer errors
- **Challenges:** Live-update of comment section w/ current user as top comment; First project using unit/integration testing

**Daggett Control Company** - Full Stack Web App for Freelance Customer - [Deployed Front End](#) | [Deployed DB Admin](#) | [Github](#)

React Front End | Rails Back End | Active Storage | User Auth | PostgreSQL | CRUD | Tailwind CSS | Mobile-Responsive

- End-user can see business info & submit a contact form (routed through Gmail SMTP server) direct to the company
- Admin can edit PostgreSQL database through dedicated Rails Views back end app, updating the front end instantly
- **Challenges:** Deployment through Render.com; Incorporating Active Storage for images; SMTP contact form routing

**Mike Davis Software** - Front End Web App for My Portfolio - [Deployed Front End](#) | [Github](#)

React Front End | Local Database Object Files | SCSS | Mobile-Responsive | EmailJS Contact Form

- Single-page front end app w/smooth navigation, mobile responsiveness, CSS animations, contact form, animated GIFs
- Imports locally-sourced data objects for skills & projects sections, as well as fetching blog post data from external API
- **Challenges:** Converting template to React for scalability & dynamic rendering; First project using SCSS

**Vessel Music Services** - Front End Portfolio-Style Web App for Freelance Customer - [Deployed Front End](#) | [Github](#)

React Front End | Back End via Google Sheets API | SCSS | Mobile-Responsive | EmailJS Contact Form

- Portfolio site for aspiring music supervisor, serving as point of contact with potential clients & collaborators
- Fetches data from shared Google Sheets document via Google API key, as well as fetching images from Google Drive
- **Challenges:** Incorporating Google API to use a spreadsheet as a database; Incorporating EmailJS for contact form

### EDUCATION

**Flatiron School** - 15-week Intensive Full-Stack Web Development Boot Camp

Denver, CO | Winter 2022-'23

- Mastered new material quickly to build web apps, researching more efficient methods of development along the way
- Organized group study sessions, helped struggling classmates, built study guides for coding challenges

**Colorado State University** - Bachelor's in Rangeland Ecology (& 4 Semesters of Engineering)

Fort Collins, CO | 2011-'16

- Recurring Dean's List, Americorps' Sustainability Internship, Math-heavy curriculum, Independent Study (The Echo)

### RELEVANT EXPERIENCE

**Mike Davis Software & Media** - Freelancing Company

Fort Collins, CO / Denver, CO

Web Developer | Graphic Designer | Multimedia Producer

01/2017 - Present

- Communicated professionally and developed high quality web apps, graphics, video, & audio for a variety of businesses
- Prepared properly formatted files for various digital & physical contexts, including print, social media, & video platforms

**Daggett Control Company** - Industrial Control Company - [Website](#)

Denver, CO

Web Developer | Tech Consultant | Graphic Designer

01/2022 - Present

- Developed two front end apps (customer-facing & database administration), as well as a back end API for the sites
- Provided tech support in troubleshooting of business email records & other technical issues

**The Echo** - Educational 501c3 Nonprofit Organization - [Website](#)

Fort Collins, CO / Denver, CO

Co-Founder | Director of Media Production | Videographer | Graphic & Web Designer | Podcast Producer

08/2015 - Present

- Built educational nonprofit from the ground up, overseeing the production of videos, podcasts, & graphic design projects
- Designed functional & responsive Wordpress site with custom CSS, contact forms, file uploads, & content embeddings