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

630-915-8834 | mikedavissoftware@gmail.com | Website & Portfolio | LinkedIn | Github | Blog

FULL-STACK WEB DEVELOPER

Highly teachable & hard-working self-starter, with strong fundamentals of front & back end code for web apps. With a diverse background in multimedia production & creative entrepreneurship, Mike exhibits outside-the-box thinking, exceptional attention to detail, and a knack for solving technical problems. Through concise written/verbal communication, robust leadership skills, and passion for coding, Mike balances sociotechnical priorities to build diverse web applications.

TECHNICAL SKILLS (refer to portfolio site for more detail)

Languages/Frameworks: HTML/CSS, JavaScript, JSON, React, Redux, Ruby, Ruby on Rails, ERB, SQL, Python, SCSS, Tailwind, Daisy UI, Semantic UI

Technologies: VS Code, Github, Postman, PostgreSQL, SQLite3, Rails Views, Vite, Node.js, Figma, Netlify, Render.com, Wordpress, Microsoft Office, Google Drive, Google Docs, Adobe (*Photoshop, Illustrator, Premiere, After Effects*)

Tech Skills: OOP, REST API's, 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
● Contributed to on-campus community by organizing group learning sessions, helping struggling classmates, building study guides for coding challenges, networking with students from other cohorts, & garnering respect from instructors

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 - *Independent Freelancing Company*   *Fort Collins, CO / Denver, CO*
Web Developer | Multimedia Producer | Music Composer | Graphic Designer   *2017 - Present*
● Developed tight & functional front end and back end web application code for a variety of clients, including businesses
● Produced quality multimedia products based on evolving client needs, including web apps, graphics, video, & audio
● Prepared properly formatted files for various digital & physical contexts, including print, social media, & video platforms
● Researched new skills as needed, communicated & met deadlines, and kept records such as timesheets & contracts

Daggett Control Company - *Industrial Control Company* - Website   *Denver, CO*
Web Developer | Tech Consultant   *2022 - Present*
● Developed two front end apps (customer-facing & database administration), as well as a back end API for the sites
● Updated multiple image files (both raster & vector formats) for use on the website, apparel, and email signatures
● Provided guidance and tech assistance in troubleshooting of business email records & other technical issues

OTHER EXPERIENCE

The Echo - *Educational 501c3 Nonprofit Organization* - [Website](#)   *Fort Collins, CO / Denver, CO*
Co-Founder | Director of Media Production | Videographer | Graphic & Web Designer | Podcast Producer   *2016 - Present*
- Designed functional & responsive Wordpress site with custom CSS, contact forms, & content embeddings
- Consistently boosted admin efficiency with software tools such as Google Drive, Telegram, & Adobe Creative Cloud
- Produced a wide array of educational videos, podcast episodes, and live-streamed fundraisers (raised over $20,000)

Chess at Breakfast - *Independent Rock Band*   *Fort Collins, CO*
Co-Founder | Drummer | Music Producer | Videographer | Graphic Designer | Quality Control Tech   *Jul/2016 - Jan/2022*
- Built a sustainable music business with consistent management & budgeting, community outreach, and online presence
- Oversaw the production & distribution of 3 albums, dozens of promotional videos, and a diversity of graphic designs
- Played 70+ concerts & 2 regional tours, raised $3,000+ for vinyl pressing, and secured $5,000+ in art grants

Bardo Coffeehouse - *Locally Owned Coffee Shop*   *Denver, CO*
Barista (Lakewood Location) | Chef & Assistant Kitchen Manager (Wheat Ridge Location)   *Jul/2023 - Present*
- Learned two separate job positions simultaneously, exhibiting exceptional customer service & food safety protocol
- Revised kitchen protocol documents, calculated food costs, & systematized food production w/ intricate spreadsheets

PERSONAL STRENGTHS

Character: Creative • Empathetic • Considerate • Intuitive • Enthusiastic • Curious • Thorough • Organized • Competent
Introspective • Open-Minded • Respectful • Responsible • Responsive • Resourceful
In Practice: Forward Thinker • Active Listener • Quick Learner • Natural Leader • Effective Planner • Team Player
Tech-/Business-Savvy • Efficient & Optimized • Strong Sense of Purpose • Keen Eye for Design • High Social Awareness