

# DAVID METCALF

Sacramento, CA 95816

[LinkedIn.com/in/david-codes](https://www.linkedin.com/in/david-codes) | [GitHub.com/gloriousLoaf](https://github.com/gloriousLoaf) | Portfolio: [Metcalf.dev](https://metcalf.dev)

Contact available on Portfolio site

## SUMMARY

I am a full stack web developer and teach programming to beginning coders. I've completed a 24 week MERN full stack development certificate through UC Davis and am passionate about building modern, responsive web and platform experiences. My career experience includes web development, managing teams, ecommerce, sales and social media marketing.

## TECHNICAL SKILLS

**Languages:** JavaScript ES6+, Typescript, CSS3, HTML5, SQL, NoSQL

**Applications:** GitHub, MongoDB, MySQL Workbench, Robo 3T, VS Code, Git Bash, Postman

**Tools:** Mongoose, Express, React, Next, Node, Handlebars, JSX, jQuery, Tailwind, Bootstrap

**Concepts:** Functional & OOP, ORM, MVC, algorithm design, agile and scrum methodology

## PROJECTS

**Writistry** | [github.com/gloriousLoaf/Writistry](https://github.com/gloriousLoaf/Writistry) | [writistry.herokuapp.com](https://writistry.herokuapp.com)

- A full stack microblogging site with markdown posts, user profiles and admin roles.
- State managed with React-Redux store, encrypted authorization with JSON web tokens.
- Tools: React, Redux, React-Bootstrap, Bcrypt, Web Tokens, MongoDB, Express, Node

**CartMe** | [github.com/gloriousLoaf/CartMe](https://github.com/gloriousLoaf/CartMe) | [cart-me.herokuapp.com](https://cart-me.herokuapp.com)

- A full stack ecommerce site with shopping cart, reviews, user profiles and admin roles.
- State managed with React-Redux store, encrypted authorization with JSON web tokens, and user payments through PayPal API sandbox that can convert to live payments.
- Tools: React, Redux, React-Bootstrap, Bcrypt, Web Tokens, MongoDB, Express, Node

**Emoji Runner** | [github.com/gloriousLoaf/Emoji-Runner](https://github.com/gloriousLoaf/Emoji-Runner) | [emoji-runner.herokuapp.com](https://emoji-runner.herokuapp.com)

- A classic runner game with soundtrack and effects, secure login and score tracking.
- I engineered the in-game physics, progression, canvas, scoreboard and user interface.
- Tools: P5.js, MySQL, Express, Node, Handlebars & Sequelize

**Covid-19 Tracker** | [github.com/gloriousLoaf/Covid-19-Tracker](https://github.com/gloriousLoaf/Covid-19-Tracker) | [metcalf.dev/Covid-19-Tracker](https://metcalf.dev/Covid-19-Tracker)

- App that allows users to track global & local stats, testing info, and interactive map.
- I developed the API calls and logic for stats, news, local testing sites, and resources.
- Tools: jQuery, jQueryUI, AJAX, Mapbox, IPAPI, Moment.js

## EXPERIENCE

### Software Engineer

08/2021 - Present

#### 4insight

Sacramento, CA

Building and maintaining a robust workforce management web app.

#### *Key Accomplishments:*

- Turn UX/UI designs into components and full views in React with Typescript
- Develop User Stories into features in pods according to scrum methodologies
- Refactoring and optimizing code for best practices and performance enhancements

### Frontend Developer - Contractor

12/2020 – Present

#### MLtwist

Remote / Sacramento, CA

Building presentational and smart components for MLtwist.com, a Machine Learning SaaS.

#### *Key Accomplishments:*

- Creating Next.js components in TypeScript following the UX design plan
- Connecting stateful components to backend by writing custom API

### Remote Tutor, Full Stack Web Development

11/2020 – 05/2021

#### 2U Inc. / Trilogy Education Coding Boot Camps

Remote

Live one-on-one video tutoring sessions with boot camp students learning web development.

#### *Key Accomplishments:*

- Providing educational and motivational support to students on a wide range of topics
- Coach and guide students through problem solving, debugging and online research
- Schedule, manage and host sessions through Calendly and Zoom, follow up via Slack

### Tasting Room and eCommerce Manager

2017 – 2019

#### Domaine de la Terre Rouge

Plymouth, CA

Oversaw all DTC operations of a 20,000 case production winery, including ecommerce

#### *Key Accomplishments:*

- Grew online sales by 10%, customer email database by 20%, and implemented regular data hygiene and auditing for maximized efficiency
- Lead our service team to amplify online and in-store revenue while streamlining payment processing
- Programmed retargeting tactics that deployed social media and web traffic analytics

## EDUCATION

### Full Stack Development Certificate: University of California, Davis

2020

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, the MERN stack, Git version control, accessibility and mobile responsiveness.

Delivered 23 polished and functional web products, including three group projects. Repositories were reviewed for best practices, readability and maintainability.

### Wine Business Management Certificate: California State University, Sonoma

2015

A year-long specialized program focused on mastering the management and direction of a profitable wine production business. This included vineyard management, winery planning and zoning, harvest, fermentation and ageing, bottling, warehousing, digital marketing, online sales, website management, CRM deployment and legal compliance per taxation and transportation.