

# David Metcalf

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## SUMMARY

Experienced Software Engineer with 3 years of development in React, JavaScript ES6, TypeScript, and HTML/CSS. Proven ability to develop, implement, troubleshoot, and debug web applications. Excellent communication, problem-solving, and organizational skills.

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## EXPERIENCE

### Associate Software Engineer II

4insite

August 2021 - Present, Sacramento, CA

- Building and maintaining a robust workforce management web app with over 10000 users.
- Turn UX/UI designs and User Stories into reusable components and features in React with Typescript using agile scrum methodologies.
- Refactoring and optimizing code for best practices, performance enhancements, reduced load times, and optimized mobile experience.

### Frontend Developer, Contactor

MLTwist

December 2020 - August 2021, Santa Clara, CA

- Building presentational and smart components for Machine Learning SaaS MLtwist.com.
- Creating Next.js React components and views in TypeScript following the UX design plan.
- Boosted speed of components by 20% with caching, ensured accessibility of application to users with disabilities.

### Remote Tutor, Full Stack Web Development

2U Inc., Trilogy Education Coding Boot Camps

November 2020 - May 2021, Sacramento, CA

- Weekly live one-on-one video tutoring sessions with 10+ boot camp students learning web development.
- Coach, guide and motivate students through problem solving, debugging and online research.
- Schedule, manage and host 10+ weekly sessions through Calendly and Zoom, follow up via Slack.

### Tasting Room and E-commerce Manager

Domaine de la Terre Rouge

January 2017 - December 2019, Plymouth, CA

- Oversaw all DTC operations for 20,000 case production winery.
- Grew online sales by 10%, customer email database by 20% through data hygiene, social media retargeting and web traffic analytics.
- Lead our service team to amplify online and in-store revenue while streamlining payment processing.

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## PROJECTS

### Writistry, Markdown Microblogging App

<https://github.com/gloriousLoaf/Writistry>

- Full stack microblogging site with markdown posts, user profiles and admin roles.
- State managed with Redux, encrypted authorization with JSON web tokens, Bootstrap, MongoDB, Express, Node.

### CartMe, E-commerce App

<https://github.com/gloriousLoaf/CartMe>

- Full stack e-commerce site with shopping cart, reviews, user profiles and admin roles.
- State managed with Redux, encrypted authorization with JSON web tokens, PayPal API, Bootstrap, MongoDB, Express, Node.

### Emoji Runner, Desktop HTML5 Game

<https://github.com/gloriousLoaf/Emoji-Runner>

- Classic runner game with soundtrack and effects, secure login and score tracking.
- Engineered the in-game physics, progression, canvas, scoreboard, with P5.js, MySQL, Express, Node, Handlebars & Sequelizer.

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## EDUCATION

### Certificate, Full Stack Web Development

Minor in JavaScript, HTML5, CSS3, React, Express, Node, MongoDB, MySQL • University of California, Davis • Davis, CA • 2020

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## SKILLS

HTML, CSS, JavaScript, TypeScript, React, Express, Node, MongoDB, Python, Git, GitHub, Scrum, Functional Programming, Object-oriented Programming