David Metcalf

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SUMMARY

Experienced Software Engineer with 4 years of development in modern full stack development with a focus on frontend. Proven ability to develop, implement, troubleshoot, and debug web applications. Excellent communication, problem-solving, and organizational skills. Diverse experience in engineering, marketing, and management.

EXPERIENCE

Lead Software Engineer, 4insite
July 2024 - Present, Sacramento, CA
• Creating and enforcing code standards, delegating tasks by expertise and work load, running stand-ups.
• Collaborating with product and design leads to organize and scope our sprints and ensure timeliness of deliverables.

Software Engineer II - August 2021 - June 2024
• Building and maintaining a robust workforce management web app with over 10000 users.
• Turn UX/UI designs and User Stories into features and reusable components in React with Typescript.
• Refactoring and optimizing code for performance enhancements, reduced load times, and mobile web experience.
• Built Scope of Work and Financial dashboards with detailed charts and tables of KPIs for site managers.

Frontend Developer, Contactor, MLTwist
December 2020 - August 2021, Santa Clara, CA (remote)
• 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 page load with server-side rendering, ensured accessibility of application for all users.

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.

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.

EDUCATION

Certificate, Full Stack Web Development
JavaScript, HTML5, CSS3, React, Express, Node, MongoDB, MySQL • University of California, Davis • Davis, CA • 2020

SKILLS

HTML, CSS, JavaScript, TypeScript, React, Express, Node, MongoDB, Python, Django, Astro, Git, GitHub, Scrum, Functional Programming, Object-oriented Programming, Accessibility, Communication, Leadership