

SKILLS

React, JavaScript, TypeScript, Ruby on Rails, Python, HTML, CSS, Redux, Jest, PostgreSQL, MongoDB, Git, Docker

PROJECTS

Full Stack & DevOps Engineer	Water The Trees (Open Source)	Live Site Github Repo
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Crowdsourced tree planting and maintenance | *Mapbox, Docker, React-Query, Node.js, PostgreSQL, Material UI*

- Designed the user profile page using React and Material UI, allowing users to view their tree interaction history
- Established integration testing on the Node.js back end with Jest, increasing code coverage by 27%
- Launched CI/CD pipeline by utilizing Github Actions, accelerating code delivery from development to production
- Revamped the multi-container Docker configuration, reducing startup time by 20%

Front End Lead	Mama's Helper	Live Site Github Repo
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Management assistance tool | *React, Redux, Node.js, MongoDB*

- Connected back end REST API to front end UI components using React-Redux to achieve CRUD functionality
- Integrated Twilio's SendGrid API into the Node.js back end to send users an email of their daily tasks
- Spearheaded mobile-first development with Flexbox and CSS media queries for cross-device responsive layouts

Full Stack Engineer	Groovetown	Live Site Github Repo
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Music sharing and streaming platform | *Ruby on Rails, React, Redux, PostgreSQL, AWS S3*

- Incorporated React-Redux and the HTMLMediaElement API to design a custom music player
- Employed Ruby on Rails' Active Storage to connect the back end to AWS S3, allowing users to upload music
- Implemented a search feature by utilizing Rails' Active Record ORM to filter data from the PostgreSQL database
- Reduced page load times by 50% by serving resized and compressed images

Game Developer	Snack Pack	Live Site Github Repo
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Minigame compilation HTML5 game | *JavaScript, HTML, CSS, Webpack, Babel*

- Rendered sprite animations by using the RequestAnimationFrame API to achieve a smooth, consistent frame rate
- Developed a custom asset loader by utilizing JavaScript Promises, eliminating load times during gameplay
- Leveraged Webpack and Babel to produce a uniform user experience across web browsers

EXPERIENCE

Computer Science Tutor	Computer Science For Kids	2019
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- Mentored a class of 15 students, introducing them to programming fundamentals through MIT's block-based visual programming language, Scratch
- Monitored students' project development to ensure completion within a 12-week timeline
- Yielded 100% attendance rate for my cohort by providing transportation services

EDUCATION

San Francisco, CA	App Academy	2020
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- 1000+ hours immersive full stack software engineering bootcamp with a 3% acceptance rate

Davis, CA	University of California, Davis	2020
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- Bachelor of Arts (B.A.) in Communications