

# Taylor Musolf

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Richmond, CA

[Portfolio](#)

[Linkedin](#)

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## Skills

React, Redux, JavaScript / ES6+, Ruby on Rails, HTML 5, CSS3, MERN Stack, PostgreSQL, Python, SQL, Git, Heroku

## Projects

**ChatAi** | A MERN stack application that is a chatbot creation and customization platform

[live site](#) | [github](#)

OpenAI API, React / Redux, Express, Node, MongoDB, Mongoose, HTML5, AWS S3, JavaScript, CSS3, Heroku

- Integrated OpenAi API to simulate lifelike conversation and customized prompts to alter chatbot personality
- Utilized MongoDB's flexible document schemas to make quick database changes during development
- Implemented a Redux state that managed the state of modal(pop ups) as being hidden or showing

**KickBacker** | A full stack clone of Kickstarter, a crowdfunding application for user inspired projects

[live site](#) | [github](#)

React / Redux, Ruby on Rails, PostgreSQL, HTML5, AWS S3, JavaScript, CSS3, Heroku, Webpack

- Managed Redux current state to simplify data management in form inputs within React components
- Incorporated Amazon S3's data storage infrastructure to work with Rails' Active Storage to upload and retrieve asset files, benefiting from its data scalability and capacity for quick page-load
- Implemented a multi-page form for creating projects using React component state management

**Dyno** | A rock climbing platforming game built using vanilla JavaScript

[live site](#) | [github](#)

JavaScript, HTML5, CSS3, Webpack

- Implemented HTML Canvas to render images to create visually compelling backgrounds and game characters
- Created realistic game physics to simulate player jumping, climbing, and falling

## Experience

App Academy | September 2021 - September 2023

**Instruction Assistant, Software Engineering**

- Lectured on software engineering topics weekly to cohort and responsible for delivering instruction daily to a small-group of students as well as one-on-one tutoring as needed
- Answered technical and conceptual questions on programming
- Mentored and PM'd students as they work through projects and guide them through real-world workflows

IMI Precision Engineering / Norgren | June 2010 - November 2020

**Product Sales Engineer** | June 2020 - November 2020

- Managed support to 50+ customers for site totaling \$6 million in revenue for 2020
- Mentored a sales associate achieving the highest NPS score for customer service in our NA sector at 69%.
- Presented webinars as part of a marketing campaign over a 3 month span for worldwide customers discussing fluid management specs in the biomedical market and generated 30+ leads.

**Technical Sales Rep** | November 2016 - June 2020

- Headed customer service and outside sales support for the site using MS Outlook, MS Teams and Pivotal CRM to a 24 hour response time
- Developed tool using Excel pivot tables that reduced time to create sales forecasts by 50+ hours

## Education

App Academy | Jan 2021 - May 2021 | San Francisco, CA

Immersive software development course with focus on full stack web development and acceptance rate under 3%

California Polytechnic State University | August 2006 - June 2010 | San Luis Obispo, CA

College of Liberal Arts, BA in English Literature and Minor in Business