

Taylor Musolf

FULL STACK SOFTWARE ENGINEER

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Dedicated Full Stack Software Engineer with a proven track record of designing, developing, and deploying scalable and innovative web applications. Formerly worked in teaching Software Engineering and have worked in technical sales positions working directly with clients. Adept at collaborating with cross-functional teams to drive project success and passionate about staying abreast of emerging technologies to continuously enhance development capabilities. Seeking a challenging role where I can leverage my skills to contribute to the success of dynamic projects and further advance my proficiency in full stack development. Experienced in a wide range of skills including:

LANGUAGES: JavaScript, TypeScript, Ruby, Python, SQL, HTML5, CSS3

FRAMEWORKS: Ruby on Rails, React/Redux, MERN stack

OTHER: Heroku, Render, OpenAI API

DATABASES: MongoDB, PostgreSQL

TOOLS: Git, Webpack, npm, VS Code

WORK EXPERIENCE

APP ACADEMY >> *Instruction Assistant, Software Engineering* > San Francisco, CA **September 2021 – September 2023**

- Lectured on software engineering topics weeking to cohort of 50+ students and responsible for delivering instruction daily to a small-group of students as well as one-on-one tutoring as needed
- Met weekly with Curriculum Team to discuss and implement immediate updates to student materials to keep up with industry standards and improve student experience
- Answered technical and conceptual questions on programming
- Mentored and PM'd students as they worked through projects while guiding them through real-world workflows

IMI PRECISION ENGINEERING/NORGREN > Concord, CA

Product Sales Engineer

June 2020 – November 2020

Technical Sales Representative

November 2016 – June 2020

- Managed support to 50+ customers for the 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 specifications in the biomedical market and generated 30+ leads.

PROJECT EXPERIENCE

ChatAi >> React.js, Redux.js, Express.js, Node.js, OpenAi API, AWS S3, HTML5, CSS3, Heroku

[GitHub](#) > [Live](#)

- Built a MERN stack application that is a chatbot creation and customization platform
- 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 >> React/Redux, Ruby on Rails, PostgreSQL, HTML5, CSS3, AWS S3, Heroku, Webpack

[GitHub](#) > [Live](#)

- Created a full stack clone of Kickstarter, a crowdfunding application for user inspired projects
- 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

EDUCATION

APP ACADEMY >> Full Stack Web Development

Completed May 2021

CALPOLY STATE UNIVERSITY >> *Bachelor of Arts in English Literature and Minor in Business* >> San Luis Obispo, CA

2010