

Adam Tang

Software Engineer

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[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

JavaScript, React.js, Redux, HTML, CSS, RESTful APIs, Python, Flask, Node.js, Express.js, SQL, PostgreSQL, SQLAlchemy/Sequelize ORMs, GitHub, AWS, Heroku, Jira

Projects

Mira - *A clone of Jira Service Management where users can collaborate on projects and issues* [live site](#) | [github](#)

React / Redux, Python / Flask, SQLAlchemy / PostgreSQL, HTML5, CSS3, Canvas API, JavaScript, Heroku

- Customized backend algorithm using adjacency lists to make the issue status flow a seamless experience.
- Applied customized design and functionality to the react-select library for smooth user experience (UX) in dropdown menus.
- Built in a rich text editor to give the user full ownership over descriptions and comments with advanced text editing functionality with the react-quill package.

Sound Town - *A Soundcloud clone where users can upload and share music, create playlists* [live site](#) | [github](#)

Redux, React Player, Python / Flask, SQLAlchemy / PostgreSQL, HTML5, CSS3, JavaScript, AWS, Render.io

- Integrated a persistent React Player with Redux's global store resulting in a responsive playback controller.
- Crafted a custom React component to display a queue panel showcasing previous, current, and upcoming tracks to provide the user with up-to-date track information.
- Utilize Flask and AWS S3 for music and image asset storage and management which allows users to upload songs, a personal avatar, and a profile page banner for a more personalized experience.

Journium - *Medium clone for users to write and share their stories about Bootcamp life* [live site](#) | [github](#)

React / Redux, ExpressJS, Sequelize / PostgreSQL, HTML5, CSS3, JavaScript, Heroku

- Built in a rich text editor to allow the user full ownership over posts, enabling multiple image and video uploads along with advanced text editing functionality with the react-quill library.
- Optimized database usage and eliminated N+1 queries by observing SQL best practices.
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions.

Experience

IT Administrator | CAD Masters, Inc. | April 2019 - July 2021

- Managed the custom computer store page of the company's website providing up-to-date information on computer parts to reflect accurate inventory and pricing.
- Built custom computers tailored to engineering clients handling the build and bootup for customers from part acquisition to OS installation along with ongoing technical and IT support after sale.
- Identified operational deficiencies and subsequently implemented and maintained software web tools to address these including Jira, Confluence, XWiki and HelpSpot.

Education

App Academy | Spring 2022

Immersive software development course with focus on full stack web development

University of California, Berkeley | Spring 2006 | Berkeley, CA

BS Nuclear Engineering