

Max Koiwai *Software Engineer*

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Technical Skills

JavaScript, Python, Ruby, HTML5, CSS3, React.js, Redux, Node.js, Django, Ruby on Rails, jQuery, SQL, PostgreSQL, Heroku, Webpack, Git

Projects

Op. | *Current Project*

[GitHub](#)

Django, React, Redux, PostgreSQL, Heroku, Webpack, HTML5, CSS3

Social Art Production Platform

- Devised a token based authentication system with Django's Rest Framework, JSON Web Tokens, a custom Axios request interceptor and React Router/Redux based route authorization.
- Built a full stack SPA that enables users to create projects with other users, share drafts of their work, receive comments from other users, and publish work to a feed.

Openbook

[Live](#) | [Github](#)

React, Ruby on Rails, Redux, PostgreSQL, Heroku, Webpack, HTML5, CSS3

Full Stack Goodreads clone

- Implemented a full feature user authorization that hashes passwords using the BCrypt gem, saves user's data in a database and persists sessions through cookies and sign up, login, log-out, demo mode, and error handling functions.
- Wrote modular React components and CSS classes to translate Goodreads's UI into a single-page app and employed Redux to maintain the application's state allowing for the easy transfer of data between components.
- Designed and modeled a PostgreSQL database and leveraged Rails's Active Record routes and jBuilder into a RESTful API to build a scalable and responsive backend.

Sema

[Live](#) | [Github](#)

Node.JS, JavaScript, Webpack, HTML5, CSS3,

Node.js poetry presentation applet

- Constructed a series of async functions that use promises to sequentially fetch a series of interdependent data sets from external APIs, parsing the returned JSON into executable data, resulting in a highly modular single page UX.
- Fashioned an intuitive UI using event listeners to allow users to frictionlessly transition between reading and fetching lexical and biographical information using mouse or keyboard.

Experience

Assistant Project Manager

2017-2018 | New York, NY

QBS Learning

- Facilitated communication, working relationships, and set deadlines between editors, composers, designers, and artists on all aspects of the program's production.
- Maintained and organized File Transfer Protocol Servers, production schedules, and image archives with a variety of Adobe Create Suite apps.
- Reviewed copy, design, and art to ensure a flawless product.

Education

App Academy | Spring 2019 | New York, NY

Immersive 1000+ hr software development course with focus on full stack web development with < 3% acceptance rate.

Sarah Lawrence College | Spring 2012 | Bronxville, NY

Bachelor of Arts, Philosophy