

Max Koiwai *Software Engineer*

t: 818.681.5143 e: maxjacobkoiwai@gmail.com New York, NY [Portfolio](#) [Linkedin](#) [GitHub](#)

Technical Skills

JavaScript (ES6), Python, Ruby, HTML5, Sass, CSS3, React.js, Redux, Gatsby, Node.js, Django, Ruby on Rails, jQuery, SQL, PostgreSQL, GraphQL, Heroku, Webpack, Git

Projects

Op. | **Current Project** | Django, React, Redux, PostgreSQL, Heroku, Webpack, HTML, CSS [GitHub](#)

Social Art Production Platform

- Architected a token-based authentication architecture 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 and tested my API with Postman.
- Devised a react dark mode toggle that stores user preference in local storage.

Openbook | React, Rails, Redux, PostgreSQL, Heroku, Webpack, HTML, CSS [Live](#) | [Github](#)

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, log in, 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 back end.

Sema | Node.JS, JavaScript, Webpack, HTML, CSS [Live](#) | [Github](#)

Node.js poetry presentation web application

- 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 user experience (UX).
- Fashioned an intuitive user interface (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

Jan 2017- Dec 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 engineering course with focus on full-stack web development with < 3% acceptance rate.

Sarah Lawrence College | Spring 2012 | Bronxville, NY

Bachelor of Arts, Philosophy