Max Koiwai *Software Engineer*

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Technical Skills

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

Experience

Software Engineer, Freelance/Contract   Nov 2019- present | New York, NY
- Current work includes short-term contracts building portfolio sites for young professionals primarily utilizing Gatsby.js, Netlify, etc.

Assistant Editor, Asylum Text   Jan 2018- Aug 2019 | New York, NY
- Wrote Python scripts for scraping, and automating data collection to assist in daily tasks.

Assistant Project Manager, QBS Learning   Jan 2017- Dec 2018 | New York, NY
- Worked on a Distributed team facilitating collaboration between editors, compositors, 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 Creative Suite apps.

Projects

Op. | *Current Project* | Django, React, Redux, PostgreSQL, Heroku, Webpack, HTML, CSS   GitHub
Social Art Production Platform
- Architected token-based authentication 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, 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 cookies.

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 a modular React frontend 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 updating of components based on the applications state.
- Designed a PostgreSQL database, modeled data and leveraged Rails's Active Record, routes and jBuilder into a responsive RESTful API backend.

Sema | Node.JS, JavaScript, Webpack, HTML, CSS   Live | Github
Node.js poetry 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.

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