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. and developing a full stack web application.

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, data structures and Algorithms and design patterns with < 3% acceptance rate.
Sarah Lawrence College | Spring 2012 | Bronxville, NY
Bachelor of Arts, Philosophy