

Max Zander

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[Github](#) | [Blog](#) | <https://maxjacobzander.netlify.app/> | <https://maxjacobzander.com>

Full stack web developer with 1½ years of experience in Ruby and JavaScript based programming. Passionate about building helpful applications that people want to use. With a high level of musical training, I am a disciplined, task-driven worker and team-player with an eye for patterns and problem solving.

TECHNICAL SKILLS

Ruby, Rails, JavaScript (ES6), React, Redux, SQL, PostgreSQL, SQLite, Sinatra, HTML, CSS, Cypress, OAuth, Devise, Git, RESTful API, Heroku, Netlify, Adobe Creative Suite (Photoshop, Audition, Premiere), Powerpoint

TECHNICAL PROJECTS

Adrian's Dream - [Github](#) | [Demo](#) | [Live Link](#)

A static website built for a small crafting business using create-react-app

- Designed and built a single-page React app using Hooks, Styled Components for the CSS, React Scroll for smooth scrolling, and EmailJS for the contact form
- Optimized design for various screen sizes using media queries
- Utilized Cypress to write and run unit tests

Ear Trainer - [Github \(Front-End\)](#) | [Github \(Back-End\)](#) | [Demo](#) | [Try It!](#)

A tool for musicians to help them recognize melodic intervals by ear

- Created Rails API back-end with an MVC structure and an ActiveRecord / Postgres database
- Designed and developed a single-page front-end with HTML, JavaScript, and general/conditional CSS

Liquor Cabinet - [Github \(Front-End\)](#) | [Github \(Back-End\)](#) | [Demo](#) | [Live Link](#)

An SPA built with React using ES6, built so that users can find cocktail recipes by liquor type

- Utilized Redux and Redux-Thunk middleware to modify state change and make use of asynchronous actions to send and receive data from the server
- Engineered search functionality using Redux to run a Rails search based off of a user-entered query

EXPERIENCE

Various Individuals & Small Businesses

USA

Freelance Web Developer/Software Engineer

01/2021 - Present

- Increased company/brand reach by developing, testing, and deploying responsive, dynamic web applications

Various Opera Companies/Symphony Orchestras

USA, United Kingdom

Professional Opera Singer

08/2014 - Present

- Professional operatic tenor (specializing in character repertoire), sang professionally in nine states, as well as in the United Kingdom (companies include: Opera Idaho, Des Moines Metro Opera, Royal Liverpool Philharmonic Orchestra)

Indiana University Jacobs School of Music

Bloomington, IN

Tour Guide and Administrative Assistant

09/2012 - 05/2016

- Increased rate of potential student to applicant through personal engagement and informative tours of an unparalleled facility
- Conducted and moderated question and answer sessions throughout the academic year and during audition weekends (approx. 600 students + families per weekend)

EDUCATION

Flatiron School

New York, NY

Full Stack Web Development, Ruby on Rails and JavaScript program

08/2020 - 01/2021

Indiana University Jacobs School of Music

Bloomington, IN

Master of Music in Voice Performance

05/2016

Bachelor of Music in Voice Performance, Minor in Conducting

05/2014