

Max Zander

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

Full stack web developer with experience in Ruby and JavaScript based programming. As an in-demand operatic tenor throughout North America and Europe, my abilities as a linguist, storyteller, team leader, and all-around “people person” lend themselves well to web design and company contribution. My experience creating something from nothing as an award-winning composer and arranger of music has proven to be a beautiful parallel to writing code and finding the right puzzle pieces necessary to tell my intended story.

TECHNICAL SKILLS

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

TECHNICAL PROJECTS

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
- Deployed site to Heroku (back-end) and Netlify (front-end)

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

A way for users to find cocktail recipes by liquor type

- Designed and built an SPA using ES6 with a React/Redux front-end and a Rails API back-end with a SQLite3 database
- 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

Bravo Personal Score Library Catalogue - [Github](#) | [Demo](#)

A way for musicians to keep track of the scores in their own personal library

- Employed Sinatra to build out a Ruby-based library catalogue
- Used ActiveRecord to build a database with CRUD functionality for users' personal scores

EXPERIENCE

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)
- Enhanced new/potential student experience as the host of a series of informational videos regarding the application process, audition process, visiting campus, student life, etc.

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