

# MICHAEL BADE

## Software Engineer



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Michael Bade



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## MISSION

Full-stack engineer experienced with React, Ruby on Rails, and fluent in JavaScript, and Ruby. Excellent at independent and collaborative work with distributed teams.

While my background is in opera and vocal performance - which will be a part of me forever, I found a new passion in writing long lasting code that matters. Technical mastery is my goal and while that may be different than vocal aptitude, I aim to bring my discipline and enthusiasm across industry and pivot into this new chapter of my career.

## TECHNICAL SKILLS

### FRAMEWORKS / LIBRARIES

Ruby on Rails  
React  
Redux  
Sinatra

### LANGUAGES & TOOLS

- JavaScript  
- HTML  
- CSS  
- Ruby  
- SQL  
- SQLite  
- Postgresql  
- Git  
- Heroku

## NON-TECH SKILLS

- International Operatic Singer  
- Teaching Certificates in TX and LA  
- Best Colleague Award  
- Nominated for Teacher of the Month  
- Team Player & Leader  
- Organized and Collaborative with a Growth Mindset

## PROJECTS

### Trail Running Planner - [Github](#) | [Live Site](#)

The Trail Running Planner helps runners pack appropriately for trail runs.

- Implemented frontend with React/Redux for state management, working in conjunction with a Rails API backend.
- Secures user information by encrypting user registration in a Postgres database.

### Vegan Camping Cookbook Collective - [Github](#) | [Live Site](#)

Designed for outdoor enthusiasts to create a cookbook of their favorite camping recipes.

- Developed an intuitive frontend with vanilla JavaScript.
- Designed a RESTful API and implemented a range of endpoints.
- Designed a relational database schema and deployed Postgres on the backend.

### Doggo Play Date - [Github](#) | [Live Site](#)

An app that lets users to make doggo playdates in the Austin, TX area with Covid restrictions.

- Created a Rails MVC app, with OAuth as an easy, one-click solution for users to log in.
- Follows CRUD actions and RESTful conventions, along with ActiveRecord relationships in the backend.

### Mileage Tracker - [Github](#) | [Live Site](#)

Created to help marathoners keep track of the mileage on their running shoes.

- Utilized an MVC Sinatra framework, for ease of flow from User to backend queries.
- Keeps users' information safe and secure with the bcrypt gem, and implementing Postgres in production.

## EXPERIENCE

### Heart Support Developer

Volunteer Developer on an international team.

Austin, Texas  
09/2020 - 10/2020

- Joined a group of volunteer developers for a 6-week sprint in "writing code that matters." We connected users on Facebook who are suffering from depression to the Heart Support discourse channel and database.
- Implemented a method which uses Facebook's API, and registers each user in the Heart Support database.
- Worked on an international team with weekly standups, pair programming over Zoom, communicating on Slack, and meeting goals with Trello.

### Jim Barnes Middle School

6th-8th Grade Choir Teacher

Seguin, Texas  
08/2017 - 05/2020

### St. John's Lutheran Church

6th-8th Grade Choir Teacher

San Antonio, Texas  
08/2017 - 05/2020

### Hudson Middle School

6th-8th Grade Choir Teacher

Sachse, Texas  
08/2016 - 05/2017

## EDUCATION

### Flatiron School

Certificate of Completion, Full Stack Software Engineering Program

Remote  
05/2020 - 10/2020

### Louisiana State University

Master's Music, Vocal Performance (3.95 GPA)  
Bachelor's Music Education (3.55 GPA)

Baton Rouge, LA  
05/2016