Michael Bade
Full Stack Developer

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TECHNICAL SKILLS

Frontend

JS, React/Redux, Backbone, Handlebars, Bootstrap, CSS3, SASS, LESS, HTML5, YAML

Backend and Frameworks

Ruby on Rails, Ruby, Sinatra, MongoDB, Postgresql, MySQL

Tools and Testing

Git, Heroku, Grunt, RSpec

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NON-TECH SKILLS

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

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MISSION

Write code that matters. Make the world an incredible place to live in by empowering users with technology that is fast, efficient, and meaningful. Use good programming principles, be pragmatic, make smart design decisions, create fantastic UI, and give technological access to ALL users.

EXPERIENCE

Texas School Safety Center (TX State University) — San Marcos, TX
Full Stack Developer (Frontend focused) — 12/2020 - Present
Preparing today for a safer tomorrow

- Managed the creation, maintenance, and improvement of web applications (frontend focused) for TxSSC both internally and externally.
- Designed, developed, and maintained all front-end interfaces and environments to create a quality user experience and improve UI design and functionality.
- Redesigned, updated, and improved upon existing web applications and static sites utilizing modern web technologies and design techniques.
- Created tests for two applications (over 300 assertions in both) with RSpec and Ruby on Rails' built-in test suite.
- Currently in the process of modernizing a Backbone.js/Sinatra application to a React/Ruby on Rails application.

Heart Support Developer — Austin, TX
Volunteer Backend Developer — 09/2020 – 10/2020
Hold fast. We believe in you.

- 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 — Seguin, Texas
6th-8th Grade Choir Teacher — 08/2017 – 05/2020
Bridging the Gap: Cultivate, Inspire, Empower

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PROJECTS

Trail Running Planner – GitHub | Live
The TRP helps runners find trails nearby and pack appropriately for their run.

- 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
The VCCC is for outdoor enthusiasts to make a cookbook of their favorite camping recipes.

- Developed an intuitive frontend with vanilla JavaScript, with a Rails API backend.
- 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
The DPD lets users make dog play dates in the Austin, TX area with Covid restrictions.

- A Fullstack Rails MVC app, with CRUD actions and RESTful conventions, along with ActiveRecord relationships in the backend.

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EDUCATION

Flatiron School — Remote
Certificate, Full Stack Software Engineering Program — 05/2020 – 10/2020

Louisiana State University — Baton Rouge, LA
Master of Music, Vocal Performance (3.95 GPA) — 05/2016
Bachelor of Music Education (3.55 GPA) — 05/2014