



# Tyler Caprioli

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[GitHub](#) | [Linkedin](#) | [Medium](#) | [Portfolio](#)

## Summary

I am a passionate software developer who strives for innovation while delivering modular, maintainable, and efficient code. My strengths are with Ruby on Rails and Javascript frameworks, and I am always eager to expand my skillset.

## Technical Skills

React, Redux, Javascript, Ruby, Rails, Git, PostgreSQL, SQLite, Photoshop, HTML, CSS

## Projects

### **APTRACK - VIEW ON GITHUB - [FRONTEND](#) | [BACKEND](#) | [LIVE DEMO](#)**

A single page "Job Application" tracker utilizing React/Redux for the front end, and Ruby on Rails for the back end. This app allows users to create accounts and track the progress of job applications while preserving the user's resume.

- ▶ Utilized JWT authorization and Local Storage to allow for user registration, login, and sign out
- ▶ Implemented RESTful API backend, using PostgreSQL and Rails MVC framework to store and retrieve song data
- ▶ Asynchronous API fetches using redux 'Thunk'

### **SONATA - VIEW ON GITHUB - [FRONTEND](#) | [BACKEND](#) | [LIVE DEMO](#)**

A single page music player application allowing users to create playlists and perform "Like" actions on preloaded songs and create custom playlists using React for the front end, and Ruby on Rails/Postgres for the back end.

- ▶ Developed interactive components using state, setState, and event listeners
- ▶ Used inverse data flow to send actions from children components to parent components
- ▶ Implemented RESTful API backend, using PostgreSQL and Rails MVC framework to store and retrieve song data

### **WAVBOX -VIEW ON [GITHUB](#)**

A Ruby on Rails social media application that allowed users to create a profile, upload photos and videos to their profile and subscribe to other user's profiles

- ▶ Applied Bcrypt and backend authorizations to encrypt user passwords and allow for user logins
- ▶ Experimented with a self-referential model to conduct user-to-user interaction
- ▶ Utilized Active Storage to hold video uploads as well as other media

## Experience

### **UNITED STATES ARMY RESERVES**

**SAUGERTIES, NY**

Combat Engineer/Corporal/Team Leader

01/2015-Present

- ▶ Promoted to the rank of Corporal for consistently displaying leadership amongst peers, mentoring new soldiers, and repeatedly expressing a desire for professional development
- ▶ Awarded an Army Achievement Medal for the tracking and movement of 200+ personnel during Kuwait and Afghanistan deployments
- ▶ Certified in the "Combat Lifesaver Course" and "Level 1 Combatives"

## Education

### **FLATIRON SCHOOL**

**BROOKLYN, NY**

Full Stack Web Development, Ruby on Rails and JavaScript program

01/2020 - 04/2020