

Tyler Caprioli

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

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. I credit my determination to deliver quality projects and overcoming technical obstacles to my five-year service in the Army Reserves both domestically and overseas. I am a team player who knows when to lead and when to follow, and I thrive working under pressure with tight deadlines.

TECHNICAL SKILLS

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

TECHNICAL PROJECTS

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.

- Used inverse data flow to send actions from children components to parent components
- Created responsive HTML5 user interfaces with custom CSS and React-Bootstrap
- Developed interactive components using state, setState, and event listeners
- Implemented Rails API backend, using PostgreSQL and Rails MVC framework to store and retrieve users and song data

AppTrack - [View on Github](#) - [Frontend](#) | [Backend](#) | [Video Demo](#)

A single page "Job Application" tracker utilizing React/Redux for the front end, and Ruby on Rails for the back end. This app allowed 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
- Developed Rails API backend, using PostgreSQL and Rails MVC framework to store and retrieve user data
- Styled with React-Bootstrap and custom CSS
- Post user's PDFs into the database using Carrierwave gem
- Asynchronous API fetches using redux 'Thunk'

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

- Lead a team of four focused on task completion following the US Army standards
- 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
- Chosen amongst my peers to lead all photography related projects for the battalion newsletter during Afghanistan deployment
- 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