# Tyler Caprioli

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## SUMMARY

My passion for software development is inspired by a desire to write code in a thoughtful, yet clean and efficient manner. I am primarily experienced with Ruby on Rails and JavaScript frameworks. I attribute my success in overcoming technical obstacles to my military experience in the Army Reserves. During my five-year service (including one year overseas) I developed skills in leadership and strengthened my ability to work well with others while under the pressure of tight deadlines.

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## TECHNICAL SKILLS

HTML, CSS, Ruby, Rails, Postgres, SQLite, Javascript, React, Redux, Photoshop

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## TECHNICAL PROJECTS

**AppTrack** - Frontend | Backend
Job application tracker is a single page application built using React and Redux on the frontend and Ruby on Rails on the backend. App allows users to create an account and keep track of their job applications and resumes
- 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 the Paperclip gem.
- Dispatches welcome emails on sing up through Active mailer
- Asynchronous API fetches using redux 'Thunk'

**Sonata** - Frontend | Backend
Music player SPA built using Javascript in the frontend and Ruby on Rails and Postgres in the backend, that allows users to create playlists and "like" their favorite songs
- Implemented DOM manipulation, event listeners, and data fetching to make interactive components
- Styled and organized with custom CSS and made responsive with HTML5
- Developed Rails API backend, using PostgreSQL and Rails MVC framework to store and retrieve users and song data.

**Wavbox** - Github
Social-media application built with Ruby on Rails and SQLite that allows users to upload videos and subscribe to other user's profile
- 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

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## EXPERIENCE

**United States Army Reserves**                                                                 Saugerties, NY
*Combat Engineer/Corporal/Team Leader*                                              *01/2015 - Present*
- Promoted to Corporal for displaying leadership amongst peers, mentoring new soldiers, and expressing a desire for professional development through volunteering for certifications such as "Combat Lifesaver" and "Level 1 Combatives"
- Ensuring my team meets their physical fitness standards and routinely check up on mental health
- Awarded an Army Achievement Medal for the tracking and movement of 200+ personnel during Kuwait and Afghanistan deployments
- Solely responsible for all photography related projects for the battalion newsletter during Afghanistan deployment

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## EDUCATION

**Flatiron School**                                                                                 Brooklyn, NY
*Full Stack Web Development, Ruby on Rails and JavaScript program*               *01/2020 - 04/2020*