

**Ryan Fanelli**  
**Fullstack Software Engineer**  
**(802) 777-3409**

[LinkedIn](#) | [illenafnayr@gmail.com](mailto:illenafnayr@gmail.com) | [Git Hub](#) | [Portfolio](#)

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Not only a dedicated software engineer with a passion for knowledge and creativity, but also an innovative problem solver with keen observation skills. An amicable person that will inspire confidence and curiosity amongst a team. I deliver performance driven by efficiency and adaptability.

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### Skills

**Front-End:** VueJs, EJS, ReactJS, CSS3, Bootstrap, CSS Flexbox / Grid, SASS, HTML, vanilla JavaScript

**Back-End:** NodeJS, MongoDB/Mongoose, ExpressJS, PostgreSQL, MySQL, Ruby on Rails

**Technologies:** R programming language, Git/GitHub, Google Maps API, Google GeoCoder, TypeScript, JQuery

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### Projects

- **Deck of Cards** // <https://illenafnayr.github.io/Card-Game/>
    - Displays fundamental understanding of JavaScript in a strictly client-side setting.
    - Uses JavaScript, HTML5, JQuery and Ajax requests to a third party API.
    - Utilizes responsive design and a complex user interface.
  - **Toast** // <https://damp-everglades-58234.herokuapp.com/>
    - Full-stack application that stores unique user data including encrypted passwords.
    - Built using NodeJS, ExpressJS, MongoDB/Mongoose for server-side scripting.
    - Embedded JavaScript as a template engine, JavaScript, JQuery and CSS for client-side scripting.
  - **Faceless** // <https://face-less.herokuapp.com/>
    - Full-stack single page application using a ReactJs front-end.
    - Built using NodeJS, ExpressJS, MongoDB/Mongoose for server-side scripting.
    - Partner project.
  - **Alt-living** // <https://pure-stream-81491.herokuapp.com/>
    - Constructed A.P.I using ruby on rails and a postgresQL database.
    - Front-end constructed with ReactJs.
    - Other technologies include Google Maps A.P.I and React Router.
    - Group Project
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### Experience

- **Research Assistant** - Woodhams Lab // January '19 to January '20
    - Conducted experiments, statistically analyzed field data to help cure global amphibian pathogens
    - Audited a course in R programming language.
  - **Guitar/Synthesizer/Sound Design** - Andrew Alden Ensemble // 2014 - 2016
    - Circuit-bent synthesizers and digitally manipulated audio data to create unique sounds.
    - Produced textual scores for film and performs them in front of a live audience to transform the picture with new sounds and experiences.
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### Education

- **General Assembly** - Software Engineering Immersive Course
  - Full-time, 500+ hour Software Engineering Immersive program covering HTML, CSS, JavaScript, ReactJS, Node, MongoDB/Mongoose, Express, SQL, Ruby on Rails
  - Completed coursework and projects using front-end development, full-stack development, front-end frameworks, and APIs.
- **University of Massachusetts Boston** - Biochemistry
  - 136 credits toward Bachelor of Science
- **Berklee College of Music** - Jazz Composition
  - 94 credits out of 120 toward Bachelor of Music