

JOHN DANIELE CAPILI

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[PORTFOLIO](#) [GITHUB](#) [LINKEDIN](#)

TECHNICAL SKILLS

React, Redux, Ruby, Rails, Javascript, jQuery, TDD, HTML5, CSS3, SQL/Postgresql

PROJECTS

SNACC (Ruby on Rails, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)

[live](#) | [github](#)

Live-chat application based on Slack where users can chat and read messages on multiple channels or DM groups.

- Implemented Rails Action Cables in order to execute CRUD actions without AJAX requests allowing users to send messages via channels and direct message groups in real-time.
- Utilized Jbuilder to parse JSON information fetched from the database which allowed the webpage to render the components that the user should see.
- Designed database to include polymorphic table for channels and DM groups' messages which lessened concern of table bloat and guaranteed scalability.
- Devised React components which execute frontend actions through DOM Manipulation to make the webpage responsive to user inputs.

Vibe (JavaScript, HTML5, CSS3, Webpack)

[live](#) | [github](#)

A music game built with JavaScript that was based on Tap Tap/Guitar Hero that also displays audio visualization.

- Utilized Three.js library to create 3D renders for audio data processing and visualization that produced objects that helped users see how the program reacts to different songs.
- Developed an audio algorithm using JavaScript that creates music keys depending on the current audio data of a given file which is used as the game elements that the user can interact with.
- Converted key inputs by tracking keyboard events through DOM Manipulation to match any music used in the game.

EXPERIENCE

Print and Marketing Associate *Staples*

Jun 2018 - Dec 2018

- Led training of new hires in FlightDeck point-of-sale software, printing process, finishing equipment and helped them get used to the workflow.
- Handled orders in a timely manner resulting in >90% customer satisfaction.
- Collaborated with associates to complete orders received online and in-person.

EDUCATION

Web Development - App Academy

Aug 2019 - Nov 2019

Curriculum of Study in Web Development (Ruby on Rails and JavaScript)

BS Electronics Engineering - Holy Angel University

Jun 2012 - May 2017

(Applicable Coursework: Computer Interfacing and Programming, Data Communication, Computer System Architecture)