

Pavel Aparcana

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Skills JavaScript, React.js, Redux.js, Ruby, Ruby on Rails, HTML5, CSS3, Git, PostgreSQL, jQuery, MongoDB, Express.js, Node.js

Projects

Astrogram (JavaScript, React / Redux, Ruby / Rails, HTML, CSS, PostgreSQL)

[Live Site](#) | [Github](#)

Single-page web application based on Instagram.

- Designed a modal to upload images based on my imagination and inspired by Instagram's theme.
- Optimized the UX by adding fade in/out transitions and loading icons.
- Integrated "like" and "unlike" animations by using jQuery to add and remove CSS classes that expands and shrinks the heart accordingly.
- Launched the live version on Heroku and utilized Amazon Web Services to store user images in a private bucket, as well as PostgreSQL to manage other user and image information.

Pollidify (MongoDB, Express.js, React.js / Redux, Node.js, JavaScript, HTML5, CSS)

[Live Site](#) | [Github](#)

Web Application that aims to reach polls worldwide.

- Formalized and redesigned the application's UI by making it more centered on the user. I structured a static section across all pages about the user with all user information and links.
- Pioneered a different way to display session forms by using React's parent-child references. I passed functions from the parent component, and invoked the functions within the child components.

Study-fi (GraphQL / Apollo, MongoDB, Express.js, React.js, Node.js, JavaScript, HTML5, CSS)

[Live Site](#) | [Github](#)

Spotify clone with a library filled with Lo-Fi beats.

- Built an asynchronous back-end function that allowed my group to seed the database with music efficiently.
- Implemented a modal to create playlists based on my imagination while also keeping the overall application design. The modal includes smooth transitions and animations for an improved UX.
- Integrated the use of React's parent-child references by passing song objects from one child component, to the parent component, to the music player component in order to achieve the functionality of the music player.

Visible (JavaScript, p5.js, HTML5, CSS)

[Live Site](#) | [Github](#)

Simple Audio visualizer

- Conserved memory by using JavaScript to add and remove DOM elements.
- Delivered graphics by extracting the amplitude and frequency properties of sound with p5.js
- Generated different classes to keep the project Object Oriented.

Education

App Academy

Aug 2019 - Jan 2020

Immersive software development course with focus on full stack web development.

Rutgers University

Bachelor's of Arts in Information Technology and Informatics

July 2014 - Jan 2019

Experience

Rutgers Recreation

Aquatic Supervisor

Jan 2017 - Aug 2019

- Managed a group of 20 lifeguard staff members and facilitated monthly in-service training sessions
- Instructed and co-instructed American Red Cross Alert classes for participants seeking to be certified in CPR and/or Lifeguarding.

Lifeguard

Sept 2014 - May 2019

- Enforced Facility rules, monitored the pool, and monitored water chemistry levels to maximise patron safety.

Harrison Board of Education

Pool Manager

Summers 2016 - 2018

- Promoted to manage the facility's payroll, work schedule, and daily earnings of 60 student employees.

Head Lifeguard

Summer 2015

- Promoted to manage other lifeguards to ensure lifeguards rotate and stay active to maximize patron safety.
- Monitored pool chemistry levels to ensure that the water is safe to swim in.

Lifeguard

Summers 2012 - 2014

- Enforced facility rules and monitored the pool to make sure patrons are swimming safely.