

# JOHNSONPHAN

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[PORTFOLIO](#)

[GITHUB](#)

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## SKILLS

Ruby, Rails, JavaScript, React.js, Redux, Node.js, MongoDB, express.js, AWS, HTML5, CSS, SQL, git

## PROJECTS

**FLETNIX** (Rails, React.js, Redux, PostgreSQL, Amazon Web Services)

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

*A clone of Netflix utilizing both front end and back end technologies.*

- Ensured user privacy through frontend and backend authentication utilizing BCrypt to hash user credentials, as well as using React Router to create protected routes.
- Utilized Amazon Web Services S3 to host both video and image content on external servers, integrating this content with the Rails backend to quickly fetch content through ActiveRecord associations, allowing users to access and view the associated video.
- Integrated React to dynamically update components in the front end, specifically genre lists and their respective movies, displaying a specific number of movie tiles which can be traversed through as a carousel/slideshow.

**SOCIALQ'S** (JavaScript, MongoDB, Express, Node.js)

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

*A social polling website which aggregates user response-data and returns back this data in analytical graphs in a visually stunning format.*

- Employed MongoDB technology for backend storage of user accounts, user-submitted questions, and answer data.
- Incorporated Chart.js to display aggregated data visually to the user, enabling them to easily see, understand, and compare distributed data points.
- Created routes utilizing Express along with Axios requests allowing for CRUD operations which are easily done through functional components on the webpage.

**BRICK-IT** (JavaScript, HTML5, Canvas)

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

*A game deployed using only pure JavaScript utilizing algorithms, game logic, and canvas to render the game.*

- Implemented physics-based game logic through the use of algorithms and Object Oriented Programming, including the use of vector calculations, and collision physics.
- Animated and rendered sprites with the use of HTML, Canvas, and pure JavaScript along with CSS styling to create an engaging gaming experience, including a navigational user interface and encapsulating sound.

## EXPERIENCE

### Technical Assistant

*Artic Beer and Wine*

May 2014 - September 2018

- Setup and installed a 16-channel camera security system with 24/7 access to multiple live video feeds, all accessible via mobile app or internet browser.
- Reformatted excel spreadsheets for financial records and optimized spreadsheets to be accessible by accounting, allowing entries to be managed and reports to be printed and read.

### Server

*Edohana Sushi Express*

July 2015 - August 2016

- Engaged with up to 100+ customers per shift, including both in house and take-out orders simultaneously.
- Optimized ordering process for the POS system by modifying ordering options to include customer modification request, enabling efficient ordering especially during rush hours.

### Intern

*OrthoTexas Physical Therapy*

January 2013 - May 2013

- Worked with a team of physical therapists to facilitate therapy sessions with patients to help them manage pain and regain movement and dexterity, as well as monitoring their responsiveness and progress throughout each session.

## EDUCATION

**Web Development** - App Academy (May 2019)

**BS Biochemistry** – University of Texas at Dallas (December 2018)