

SKILLS

Proficient in React, Redux, Ruby on Rails framework and JavaScript. Experience with relational and non-relational databases including PostgreSQL, SQLite3 and MongoDB. Skilled in using Git, Heroku and Webpack. Accustomed to Mongoose, Node.js and Express.js.

PROJECTS

SplitVilla | (*React, Redux, Ruby on Rails, HTML/CSS, Heroku*)

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

- Implemented full bidirectional friendship CRUD functionality making use of separate PostgreSQL data tables, allowing users to send or delete friend requests, and accept or deny others' requests
- Implemented front-end caching to avoid excessive requests to the database by using thunk middleware to update the Redux store whenever a request was made, thus keeping front-end state in sync with database state.
- Applied CSS3 flexbox and React-Modal for smoother user interface when creating and editing bills.

NetZero | (*MongoDB, Express.js, Node.js, Mongoose, AWS, React, Redux, Git*)

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

- Designed a 2 way system for the back-end API and Redux store to save image files. Using MongoDB, AWS S3 and multer one request is made to AWS S3 to save the file, followed by a request to MongoDB to save meta-data and the S3 file link
- Developed server routes and REST APIs in the back-end using Express and Mongoose for application features such as user authentication, commenting and pledges which all have CRUD functionality
- Utilized Git workflow in a team setting to cooperate efficiently and peer-reviewed pull requests to minimize merge conflicts.

Tracing Fun | (*Vanilla JavaScript, HTML5 and CSS3*)

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

- Enabled event listeners to watch for click events to render changes to canvas
- Implemented the use of Canvas and vanilla JS to design a child friendly tool to encourage reading and writing
- Using the Uint8ClampedArray pixel data created an algorithm that appropriately calculates when the letter is correctly traced.

EXPERIENCE

Software Product Manager

Pillz

April 2018 - Dec 2019

- Lead a team of 4 software developers and designers in building a unique web application allowing people to get their prescriptions filled with the tap of a finger.
- Developed a HIPPA and PIPEDA compliant application that gained national attention while maintaining strong partnership with regulatory bodies.

Medical Dosimetrist

Bliss Murphy Cancer Center

Jun 2011 - Aug 2019

- Worked with a team of Doctors and Medical Physicists in planning and delivering therapeutic radiation exposure to treat cancer patients.
- Implemented an electronic medical record system in the cancer center using various software programs that improved wait times by 50 %.

EDUCATION

University Toronto - *BS Medical Radiation Science* 2011

AppAcademy - *Highly selective web development program with a 3% acceptance rate.* 2021