

DONALD BATRYN

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Rails, JavaScript, HTML, CSS, SQL, Express.JS, MongoDB, GraphQL, Apollo

PROJECTS

LOUDCLOUD (Rails, React, AWS Storage, PostgreSQL)

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

A full-stack music streaming app based on Soundcloud.

- Designed a custom audio player inside a React component, and integrated **AWS buckets** with **Redux** actions to give users a seamless listening experience while browsing the app.
- Implemented **user authentication** on both the backend and frontend, applying customized routes that prevented unauthorized users access to the site's features
- Created **RESTful** API endpoints and accessed them using asynchronous **AJAX** requests, allowing users to create their own content.

MUSICAL BREAKOUT (JavaScript, HTML, CSS, AWS)

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

A visually and sonically pleasing implementation of the classic arcade game Breakout.

- Constructed fluid game physics using object-oriented principles, giving users a seamless and addictive playing experience.
- Built and animated game using HTML **Canvas**, allowing me to draw and manipulate custom designs for each component, as well as triggering visual events in response to user interaction.
- Produced custom audio samples and music, pairing them with **event listeners**, to deliver a unique, interactive experience triggered by gameplay.

zBAY (React, Node, MongoDB, Express.JS, GraphQL, Apollo)

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

*A group effort **MERN** stack application, fusion between eBay and Zillow, providing a **UI** to list and bid on luxury homes.*

- Implemented a single **GraphQL API endpoint**, allowing queries and mutations to the database to happen simply from the frontend.
- Designed a custom **search functionality** using **Apollo** cache, giving users access to dynamic and specialized results.
- Applied a **Mapbox API** which allowed users to search a map and see relevant database entries in their area

TUMBLRY (React, Node, MongoDB, Express.JS)

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

*A **MERN** stack clone of the popular blogging site Tumblr.*

- Recreated styles and functionality of the site from the ground up, using customized **Mongoose** Models to fit user needs.
- Constructed an **Express** server and built API routes to persist, retrieve and discard user content to a **non-relational Mongo** database, creating a lightweight yet powerful application.
- Utilized **React Hooks** from within a functional component to give users access to a **dropzone node module**, facilitating simple image upload.

EXPERIENCE

Lead Clinical Assistant

ORA Dental Studio, Wicker Park, Chicago, IL

Dec-2015 - May 2019

- Managed team of dental professionals, served as an integral part of efficiency and communication between all departments of the office.
- Trained 6 new employees in best-practices and our office's LEED Gold quality care in one of Chicago's only 'green' offices.
- Oversaw treatment of 1000+ patients, personally monitoring and guiding hundreds of Invisalign cases, full-mouth rehabilitations, cosmetic Smile Designs and surgical procedures.

EDUCATION

Web Development - App Academy | Spring 2019 | 1500+ hour curriculum with < 3% acceptance rate.