

Bino Nguyen

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[Github](#)

[LinkedIn](#)

[Portfolio](#)

SKILLS

React.js, Redux, Ruby / Rails, Javascript, HTML, CSS, SQL, AWS Services, AJAX, Python, Chef, Git

PROJECTS

TestZoo (MongoDB, Express, ReactJS, NodeJS)

[Git](#) | [Live](#)

TestZoo is an application that allows users to make categorized tests. Users can also take other tests created on the app.

- Applied customized design and functionality for smooth user experience in rich tests, questions, and answers editing.
- Processed and displayed the playing score in the test playing page by simultaneously leveraging backend data.
- Implemented CRUD cycle for user plans using MongoDB.
- Implemented user authentication using Mongo, Node, Express by utilizing Json Web Token (JWT).
- Communicating, working effectively remotely with teammates during COVID-19 induced quarantine.

Binterested (Rails, Ruby, ReactJS, Redux)

[Git](#) | [Live](#)

Single-page web application with a Pinterest inspired UX/UI, where users can share their creative ideas.

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, only allowing logged-in users to access and make changes to their content.
- Stored images on Amazon Web Services S3 (AWS) for website speed optimization, reducing server load and allowing web apps to scale gracefully.
- Leveraged CSS flexbox, z-index and React-Modal for an appealing and dynamic layout.
- Utilized React state and jBuilder to limit any redundant queries to the database.

MusicBucket (JavaScript, jQuery, HTML/CSS, Tone.js)

[Git](#) | [Live](#)

MusicBucket is a soundboard/beat-making app to make music, sounds, sequencers and listening to music.

- Used JavaScript and jQuery to create a soundboard that loops through playing different beats.
- Used Tone Js which is a javascript library built on top of the Web Audio Api.
- Designed original UI using HTML5, CSS, and JavaScript including sliding tempo adjustment and custom checkboxes.
- Allow users listen to the music on site and be able to download the music directly from a web application.

EXPERIENCE

Tooling and Mold Maker

PLASTRONICS

Feb 2015 - Aug 2018

- Used the grinding machine to finish the part within 0.0002" tolerances.
- Generated G-code in CNC programming for CNC Mill machine.
- Worked on Wire EDM code.
- Collaborated with the engineering and design team for prototyping product designs.
- Positive attitude and teamwork.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate** 10/19/2019
- **AWS Certified Cloud Practitioner** 5/20/2019
- **Local Cookbook Development badge** 5/5/2019
- **Basic Chef Fluency Badge** 3/25/2019

EDUCATION

Web Development - App Academy | Spring 2020

Computer Programming Certification - Brookhaven College | 2018 - 2019