

# 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 UI 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.

**B-Shops** (React, Redux, Node.js, Express, OAuth, Axios, Stripe, JWT, bcrypt and Firebase)

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

An interactive E-commerce platform for buyers

- Utilized Redux unidirectional data flow, memorized selector reselect and redux-thunk with asynchronous JavaScript to provide a seamless user experience across all React components.
- Implemented a secure shopping cart, checkout functionality and credit/debit card payment system with Stripe technology.
- Applied CSS media queries, and flexbox functionality to enhance responsiveness across various devices.
- Built register and login system besides Google login service.

**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

**Machinist ( Manufacturing industry)**

PLASTRONICS

Feb 2015 - Aug 2018

- Collaborated with other team members to set up a new workstation and tools for every new project.
- Trained senior members of the team on the new technologies of EDM tooling equipment.
- Able to accomplish tasks 30% faster by innovating new techniques and improving tooling skills.
- Maintained tooling machines on best practices to produce high quality products.
- Worked on a four person team, communicated with engineers and worked with the design team to help prototype product designs.

## 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*