Bino Nguyen

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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

- Collaborated with other team members to setup a new workstation and tool for every new project
- Designed and optimized a 45nm standard cell library that minimizes energy consumption
- Trained senior members of 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 and guidelines on using the equipments
- Worked on four people 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*