Bino Nguyen

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

PROJECTS

Binterested   (Rails, Ruby, ReactJS, Redux)   Git | Live
Single-page web application with a Pinterest inspired UX/UI, where users can share their creative ideas.
- Implemented the entire user authentication using BCrypt to encrypt and salt the password and devised the logic to perform a secure authentication from the Rails backend.
- 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.

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.
- Implemented user authentication using Mongo, node , express by utilizing Json Web Token (JWT) .
- Implemented CRUD cycle for user plans using MongoDB.
- 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.

MusicBucket   (JavaScript,jQuery, HTML/CSS, Tone.js)   Git| Live
MusicBucket is a soundboard/beat-making app to make music, sounds, sequencers.
- 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 that react to mouse hovers.

EXPERIENCE

Tooling and Mold Maker
PLASTRONICS   Feb 2015 - Aug 2018
- Use the grinding machine to finish the part within 0.0002" tolerances.
- Troubleshooting, generate coding with the new EDM machines and developed my team training procedures, allowing them to be better self-starters
- Designing, communicating, building relationships and collaborating with my team from scratch to produce customer's requirement products.

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*