Kainan Doneson

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SOFTWARE ENGINEER

Experienced in Ruby and JavaScript-based programming. Created projects with React and Rails frameworks. Background in retail and service industries, with strong teamwork skills from working with diverse groups of individuals. A passionate learner who is excited to help innovative companies solve problems and achieve goals.

TECHNICAL SKILLS

Languages/Libraries/Frameworks: Ruby, Rails, JavaScript, React, Redux, HTML, CSS, TypeScript
Other: Github, DOM, JSON, Effective Communication, Team Oriented

TECHNICAL PROJECTS

Scavenger(Full-Stack a.k.a Geotunes Advanced)- Github | Video | Live Project
Scavenger(a project I'm currently working on) is a Mobile-friendly/preferred web application that enables users to share/save/like collections of nodes(routes). Nodes can have multiple types of data stored(images, podcasts, songs, playlists, titles, and text). The routes can be created/shared/viewed using google maps API with the web geolocation API.
- Leveraged Auth0 to authorize users(in the frontend) by logging in with Spotify
- Utilized Spotify API + Google Maps API + React to query and attach sound data, images, and text to geolocation based nodes/routes
- Used Node.JS + Express + MongoDB + Auth0 to manage authorization, user models, route models, and geospatial queries for the backend
- Styled the web app with SCSS and responsive design principles to adapt to mobile
- Designed many components using Redux to keep them as pure and declarative as possible
- Written with JSDOC and Typescript to help document code(experimental docs: https://kainan54.github.io/scavenger_frontend/)

ARt App(Full-Stack) - Github | Video
ARt App is a web app that enables users to share images and view them in 3D and AR. Users can also interact through likes, comments, and followers
- Enabled users to interact through photo uploads, likes, and following each other using rails models
- Applied Three.js Library to make a 3D viewer that users could apply to uploaded images
- Incorporated AR.js to make a view layer where users can view their images with a hiro marker and webcam
- Utilized JSON Web Tokens and Bcrypt Gem for user authorization from frontend to backend

GeoTunes(Full-Stack) - Github | Video
Geotunes is a web application designed to allow users to create and share custom Google Maps routes that are linked to Spotify playlists.
- Used React/JS for frontend and Rails API/Ruby for backend
- Integrated Google Maps to enable users to make custom routes on a shared map
- Applied Spotify React Components to enable users to attach public playlists to custom routes
- Utilized JSON Web Tokens and Bcrypt Gem for user authorization from frontend to backend

EXPERIENCE

Lounge 247   Manhattan NY
Barback/tender   02/2019 - 03/2020
- Interacted with customers and prepared beverages for high-volume bar patrons
- Checked customers identification to ensure compliance with all beverage regulations
- Maintained bar and storage areas and restocked bar inventory and supplies

Apple WTC   Manhattan, NY
Back of House Specialist   11/2018 - 01/2019
- Rotated various back of house tasks with teammates to keep inventory organized and accessible
- Received product shipments and cataloged them for easy retrieval
- Documented, labeled, and shipped out product returns/repairs to the main depot

Retail Specialist   01/2018 - 11/2018
- Interacted with customers to target technical needs and suggest product solutions
- Advised customers and provided guidance and assistance on setting up their new technology
- Maintained visual merchandising and stayed updated on new products and initiatives

EDUCATION

Flatiron School   Brooklyn, NY
Full Stack Web Development, Ruby on Rails and JavaScript program   08/2020 - 11/2020