

DONALD B. BIGGERS

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OBJECTIVE

I seek to obtain a full-time position in software development. I prefer working on the back end of a project, but I am open to interesting opportunities.

EDUCATION

Web Development Certificate
Vanderbilt University, Nashville, TN

April 2022

PROFESSIONAL EXPERIENCE

Lennon's Fitness App

Spring 2022

Vanderbilt University Web Development BootCamp

GitHub: <https://github.com/DuGBB/Lennons-Fitness-Super-App>

Heroku: <https://ancient-fortress-46075.herokuapp.com/>

- A gym web application for members and trainers. Allows members to sign up, log in, view classes, register for classes, view personal bests, and update personal bests.
- A single web page application with a React client side, MongoDB database, and GraphQL middleware.
- Built as a Progressive Web App for user ease.
- Initial functionality focused on the member interactions. Can be extended to accommodate trainer interactions.
- Acted as the github administrator.

Bootcamp RealEstate

Winter 2021

Vanderbilt University Web Development BootCamp

GitHub: <https://github.com/thomps0189/bootcamp-real-estate>

Heroku: <https://calm-depths-28335.herokuapp.com/>

- A real estate and tenant tracking system for a real estate owner.
- Displays publicly available property descriptions.
- Allows a user/owner to log in and create maintenance or service requests.
- Can be extended to allow maintenance workers to log in and pull work, acknowledge work, acknowledge blockers, or complete a task.
- Makes use of JavaScript with a MySQL2 database connected by express middleware.

National Parks Vacation Planner

Nov 2021

Vanderbilt University Web Development BootCamp

GitHub: <https://github.com/DuGBB/trail-lad>

GitHub Deployment: <https://dugbb.github.io/trail-lad/>

- A vacation planner that leverages an API to list national parks by state. Once populated, the list uses a secondary API to list nearby restaurants.
- The page can be extended to include nearby lodging and use local storage to store previous choices and API responses.
- Pure JavaScript web page.
- Built the web page using multiple APIs.
- The page uses local storage.
- Acted as the github administrator.

Boilermaker Journeyman

2007 – 2020

Boilermakers Local 455, Muscle Shoals, AL

- Foreman. Responsible for the work performed by my crew. This includes making sure my crew had a safe work area/attitude, assigning the work, ensuring the work is not blocked, meeting the deadline, and ensuring the workers are productive.
- Tube welder. Worked with a partner to replace tube sections in various power plants. Helped teach apprentices how to safely work in the environment while improving their technique.
- Rigger/Flagger. Responsible for determining how to rig tons of weight for lifting loads via cranes. Once the loads were rigged, would act as a flagger to the crane operator to safely place the load in the desired location.

Boilermaker Apprenticeship

2003 – 2007

Boilermakers Local 455, Muscle Shoals, AL

- Apprenticeship requirements: Four two week(7/10's) class secessions spread out over the summer months, and Six thousand man hours of on the job training are required for graduation to journeyman.

TECHNICAL SKILLS

Languages

- JavaScript
- GraphQL
- HTML
- SQL

Libraries

- Mongoose
- Express.js
- Node.js
- jQuery
- Moment.js
- Handlebars.js

Databases

- MySQL
- MongoDB

Data Models

- JSON
- XML

Tools

- Git

Operating Systems

- Mac OS X
- RHEL

REFERENCES

- Available upon request.