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https://darrius-brown.github.io/

DARRIUS BROWN | SOFTWARE ENGINEER

I am an experienced software engineer with a passion for creating innovative and efficient solutions.My expertise in multiple programming languages, coupled with my attention to detail, enables me to write clean, maintainable code that meets the needs of both the business and end-users. I also excel in collaborating with cross-functional teams, effectively communicating technical concepts, and continuously learning and adapting to new technologies.

Skills

Languages - Javascript, Python, HTML, CSS, SQL, Mongo, JSON, Typescript, EJS

Database - MongoDB, SQL, PostgreSQL, REST API, JSON API,

Libraries and Frameworks -React, Node.js, Express.js, Django, Bootstrap

Enterprise Tools - Visual Studio Code, Github, Postman, Microsoft Office, Slack, Zoom, Discord, Google Chrome (Dev Tools), Heroku, Netlify

Software Development Projects

BarbMe(In Progress)|Github Frontend||Github Backend| - Web Application to find your own personal barber   2/2023
- Built a full stack application utilizing **React** and **Django** with full create, read, update, delete (CRUD) operations hitting all RESTful API calls.
- Designed and maintained a **PostgreSQL** database, creating tables, writing complex queries, and optimizing database performance to ensure fast and reliable data retrieval and storage.
- Implemented user authentication using a JSON Web Token authentication plugin for the Django REST Framework, **Simple JWT**.
- Developed and implemented dynamic user interfaces using **React**, utilizing components and hooks for state management to create a seamless and responsive user experience.

Play² |Github Frontend||Github Backend|Netlify Frontend|Heroku Backend - Web Application to play a variety of games based on one board   7/2022
- Built a full stack application utilizing **React** and **Django** with full create, read, update, delete (CRUD) operations hitting all RESTful API calls.
- Made RESTful API fetch calls **to** a **Django** backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman.
- Implemented user authentication using a JSON Web Token authentication plugin for the Django REST Framework, **Simple JWT**.
- Utilized **Styled Components** in **React** to write web styling in **Javascript** and apply styling across multiple **React** components more efficiently

Chat Anime |Github|Heroku - Social media type web app to chat about my favorite anime.   4/2022
- Utilized a MERN stack (**MongoDB, Express, Node.js**) to build a full stack web application. With full create, read, update, delete (CRUD) operations hitting all **RESTful API** calls.
- Made RESTful API fetch calls **to** an **Express, MongoDB, Node.js** backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman.
- Used Mongoose to define schemas for **MongoDB** collections.
- Implemented EJS to organize and display the visual aspects and provide style to these aspects.

2048 |Github| Netlify - An easy to play math/puzzle web game. Create 2048 and you win   3/2022
- Leveraged embedded **Javascript, CSS3, HTML5, DOM manipulation**, with partials to organize and display the visual aspects.
- Utilized Git control during the production of the application with frequent commits until deployment.
- Implemented ES6 tagged template literals with Styled-Components along CSS3 to provide style and grid layout.

Professional Experience

Fresh Foods Associate | WalMart | Corona , CA   6/2019 - PRESENT
- Trained 15 employees how to use WalMart technology, accurately keep track of inventory, donate and dispose of unwanted merchandise, and correctly stock fresh food items using the FIFO method.
- Designed feature tables and feature doors weekly to help promote a product, sell a surplus of a product quickly, and increase fresh food departments sales.
- Provided customer service daily to 10 - 20 clients to ensure their problems were always resolved.

EDUCATION

General Assembly | Remote   1/2022 - 7/2022
Software Engineering Immersive
Full-stack software engineering immersive student in an intensive, 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual projects and collaborated in a group project.

California State University Los Angeles | Los Angeles, CA   Graduated 2019
Bachelor of Science in Business Administration, Accounting Option