(985) 226 6560

https://jerrymcdonald.dev/

JERRY MCDONALD

jmcdonald.dad.dev@gmail.com

Links - Github, Linked-In, Dev.to

Skills:

❖ React + Vue + Angular || Node + Express + Socket.io || WebRTC || Material-UI || JS + C++
❖ Google Cloud + AWS + Azure + Netlify || MySQL + PostgreSQL + MongoDB || .Net Core

Work Experience:

Lagniappe Relief | Baton Rouge, LA
Developer || Contract
10/2020--Current

- We are developing technology to gather a database of relief effort information quickly and accurately.
- Our goal is to align goodwill with people in need.

Eustis Engineering | Baton Rouge, LA
Lab Manager || 01/2017--01/2020

- I Assessed the subsurface conditions at hundreds of construction sites across Baton Rouge.

Nabors Drilling | New Iberia, LA
Derrickhand || 01/2010--01/2017

- Coordinated the installation, maintenance, and operation of oil field equipment across the gulf.

Developed Applications:

Learning Resources Now (LRN)   Full Stack Software Engineer
A community-based video chat application designed specifically for education

- I connected peers with socket.io, allowing for shared video, messages, and whiteboarding.
- We implemented a WebRTC-based browser-to-browser video communication.
- As a team, we built a stable community learning platform, useful in our current times.

Bar Crawl   Full Stack Software Engineer
An application designed to help friends plan bar hops and keep track of each other

- I Combined Passport.js with Google OAuth to make sign-up secure and easy.
- We got hands-on with the Google Map API, resulting in a clean 'featureful' map.
- As a team, we were able to track and display friends' locations in real-time.

Organized Power   Full Stack Software Engineer
A social networking platform for users to share current topics they feel passionate about

- I developed a 'Slack' like comment system for fun and stylish communication.
- As a team, we planned and correlated data, which led to efficient MySQL storage.
- We created a clean and responsive website, taking advantage of Tailwind CSS.

Education:

Operation Spark   Advanced Software Engineering Immersive Program   2020

- IBC Fundamentals of Javascript, Functional Programming, and Web Development Level 3

Nicholls State University   Associates in Pre-Engineering   2010

- Math, physics, and chemistry designed to prepare you for a career as an engineer.