

JERRY MCDONALD

SOFTWARE DEVELOPER

[LINKEDIN](#)

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[PORTFOLIO](#)

[HTTPS://JERRYMCDONALD.DEV](https://jerrymcdonald.dev)

SUMMARY

Self-motivated Software developer who is versatile in multiple front-end and backend technologies. Eager to support your company by solving complex problems with modern and maintainable solutions. Broad experience in building RESTful web services and backend web applications.

SKILLS

Coding Languages

JavaScript, HTML/CSS, C++

Frameworks/Systems

MVC, Node.js, React.js, Angular.js, Visual Studio, SQL / NoSQL, scrum/agile, CRUD operations, and TDD (test driven development),

PROJECTS

Learning Resources Now (LRN) || <https://github.com/HWY-61/LRN>

A community-based video chat application designed specifically for education

- Built a digital classroom and allowed peer-to-peer teleconferencing for up to 4 users by grabbing WebRTC data streams and creating a mesh network through Socket.io.

Organize Power || <https://github.com/Apptonomy/organizepower>

A social networking platform for users to share current topics they feel passionate about

- Designed a comment section that allowed conversation threading and emojis by creating a customized Tailwind CSS component.

Crawl || <https://github.com/Apptonomy/Crawl>

An application designed to help friends plan bar hops and keep track of each other

- Provided users the ability to watch their friends hop from bar to bar on a real-time map in the browser, and we did this by using JavaScript and Google's Geolocation API.

CAREER SUMMARY

Lab and Field Technician

Eustis Engineering | Jan. 2017 to Jan 2020

- I led our laboratory to acquire multiple AASHTO Accreditations they were not previously able to achieve. I did this by rigorously studying, testing, and demonstrating ASTM standards.
- As an ICC certified inspector in the field, I reviewed structural drawings and evaluated construction sites to ensure industry standards.

Derrickman

Nabors Drilling | July 2010 to Jan. 2017

- Maintained the drilling fluid properties used to prevent blowouts, ensuring over a hundred coworkers' safety.
- Mindful of the need to protect Louisiana's coastal environment, I lessened our drilling operations' ecological impact in the Gulf. I accomplished this by reporting and cleaning any oil spotted in the water, going beyond the scope of my duties.

EDUCATIONAL TRAINING

Operation Spark

Software Engineering Immersive Program

- Attended from Jan. 2020 to July 2020.
- IBC Fundamentals of Javascript, Functional Programming, and Web Development Level 3.

Nicholls State University

Associates in Pre-Engineering

- Cumulative GPA of 3.8.
- Dean's List 3 semesters.

CONTACT

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