

# YOUSSEF MOHAMED

## JUNIOR FULL STACK DEVELOPER

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[Portfolio](#)  
[LinkedIn](#)  
[GitHub](#)

## EDUCATION

B.S. in Computer Science  
Memorial University of Newfoundland  
Sept. 2019 – Dec. 2022

## WORK EXPERIENCE

**Data Analyst** Sept. 2021 – Aug. 2022

Regional Analytics Lab at Memorial University NL

### Achievements/Tasks

- Collecting data from Statistics Canada API.
- Using the Office JavaScript API by Script Lab tool in Excel to advance a single centralized database.

**Volunteer Full-Stack Developer** May 2020 – Dec. 2020

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### Achievements/Tasks





- Used React.js to create the web interface.
- Helped design the database schema.
- Participated in meetings and collaborated with others in different teams.

## Programming Languages and Tools

**Proficient in:** React • JS • Express.js • Node.js • MongoDB • HTML/CSS • Version Control

**Experience in:** React Native • Python (pandas, NumPy, matplotlib, scikit-learn) • Mocha • AWS (EC2, API Gateway, Lambda, DynamoDB, Cognito)

## PROJECTS

- [HeartDiseasePrediction](#)** Oct. 2022 – Dec. 2022  
Team Project   
Applied Machine Learning methods and data preparation techniques to pre-process raw medical data and construct multiple predictive models.
- [Quotes](#)** July 2021 – Sept. 2021  
Solo Project    Mobile App   
This mobile application provides users with a pool of quotes, allowing them to add and remove quotes from their list and share them with others.
- [Fadfada](#)** Aug. 2020 – Feb. 2021  
Solo Project    Web App   
This web application allows users to enter a public chat room as well as send private messages to other members in the group.
- [MyFlex](#)** June 2020 – July 2020  
Team Project    Web App   
This web application intends to help you decide what movie to watch next with a recommendation feature and movie tracking system to enhance your viewing experience.
- [Burger Builder](#)** Apr. 2020 – May 2020  
Based on a Udemy Course    Web App   
This web application enables users to customize their burgers by adding ingredients, view a visual representation of the burger created with CSS, and place an order.