

# Youssef Mohamed

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## WORK EXPERIENCE

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**Train-the-Trainer Facilitator – techKNOWtutors CSCNL (Full-time)** **Jan. 2024 – Present**

- Creates curriculum and conducts workshops, empowering individuals with essential digital skills in Newfoundland.
- Engages with nonprofits and volunteers ensuring the sustainability of digital skills initiatives beyond techKNOWtutors.

**Full-Stack Developer – NL Eats (Volunteer)** **May 2020 – Dec. 2020**

- Elevated the project's user experience using the power of React.
- Improved data efficiency by streamlining the database schema.

## PROJECTS

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**GoScreen AI – Solo Project – Web App** **Nov. 2023**

- Crafted a dynamic web application, leveraging ChatGPT to provide personalized movie recommendations.
- Share your preferences, discover curated suggestions in an engaging interface with all the details you need.

**Shorten URL – Solo Project – Chrome Extension** **Oct. 2023**

- Created and launched a Chrome extension for efficient web link sharing, with future feature updates planned.
- Successfully published the extension on the Chrome Web Store, expanding its accessibility.

**Heart Disease Prediction - Team Project - Machine Learning** **Dec. 2022**

- Achieved 85% prediction accuracy on medical data.
- Enhanced model performance through data scaling techniques.

**MyFlex – Team Project – Web App** **Jun. 2020 – Jul. 2020**

- Coordinated a team effort to build a web app for efficient movie selection with recommendations and tracking.
- Optimized backend with Node, Express, and MongoDB for a significant performance boost in data access.

## EDUCATION

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- B.Sc. in computer science, Memorial University of Newfoundland **2019 – 2022**

## SKILLS

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- React - Node.js - Express.js - MongoDB - Git (Version Control) - JavaScript - Postman - REST APIs - Redux - AWS (EC2, API Gateway, Lambda, DynamoDB, Cognito) - GitHub - Mocha (Testing) - React Native - CSS3 - Python (NumPy, Matplotlib, Scikit-Learn, Pandas) - HTML5

## Software Design Skills

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- Agile Methodology – CRUD – MVC (Model-View-Controller)