YOUSSEF MOHAMED

Full Stack Developer

https://github.com/youssefMoJo | https://youssefmohamed.live/

Work Experience

Yekola
Toronto, Canada

Full Stack Developer
Oct. 2023 – Present

- Engineered a scalable backend architecture for the MVP mobile app on AWS.
- Architected the database structure to optimize performance, security, and data integrity.
- Developed Lambda functions for key functionalities, including community management.
- Created onboarding screens for a smooth user experience on Android and iOS.
- Assisted in managing tasks and sprints using Jira.

CSCNL
St. John's, Canada

Technical Trainer and Support Specialist
Jan. 2024 – Apr. 2024

- Provided real-time 1-on-1 support to 20+ individuals, troubleshooting technical issues to ensure satisfaction.
- Led 15+ workshops, communicating technical concepts to diverse participants, improving their digital literacy.

Freelance Projects

Restaurant - Web App - In Development

- Developing a responsive website with an easy-to-navigate online menu, optimized for all devices.
- Implementing features like special offers, customer reviews, and seamless online orders using DoorDash and SkipTheDishes APIs to boost engagement and drive sales.
- Integrating SEO optimization, Google Maps, and social media links to boost visibility and customer interaction.

Projects

My-Flix – Team Project – Web App

- Developed the backend with AWS Amplify for a web app focused on movie selection and a recommendation system based on user preferences and lists.
- Transitioned from MERN to Amplify, boosting deployment efficiency and user experience.
- Integrated a personalized recommendation feature, leveraging ChatGPT, allowing users to input preferences, receive suggestions, and manage their lists.

Heart Disease Prediction – Team Project

- Achieved 85% prediction accuracy on medical data using python.
- Enhanced model performance through data scaling techniques.
- Received a grade of 81 for the project.

Skills

- React - React Native - Redux - JavaScript - HTML5 - CSS3 - Node.js - Express.js - MongoDB - REST APIs - Python – AWS (Amplify , S3, Lambda, API Gateway, Cognito, DynamoDB) - Git - GitHub - Postman – Mocha (testing)

Education

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