MOHAMED MOHAMED — SOFTWARE ENGINEER

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🐦 codewithmoe   in mohamed-mohamed96/   ⌨ mozeezy

SUMMARY

Dedicated and adaptable science undergraduate with a passion for technology and problem-solving. I have successfully transitioned into the field of software development. Proficient in coding and committed to creating efficient, user-friendly applications that address real-world challenges. I am excited to contribute my interdisciplinary skills to innovative software projects and further develop my expertise in the dynamic world of programming.

SKILLS

LANGUAGES: JavaScript, HTML, CSS, SQL, Ruby, Python, TypeScript
FRAMEWORK/LIBRARIES: NodeJS, Express, ReactJS, jQuery, Ajax, Bootstrap, SASS, Axios, MaterialUI, Bootstrap, Flask, Jinja, Redux
SYSTEMS AND DATABASES: PostgreSQL, Git, Agile and Scrum, MongoDB, SQLite3, Amazon Web Services (AWS)
TESTING: Cypress, Mocha, Chai, Storybook, Jest, Supertest

PROJECTS

RPRT — 02/2023 - 02/2023
Developed a tool for automating the creation of donation reports by generating PDFs.
Stack Used: Flask, Flask-Bootstrap, Flask-WTF, ReportLab, Cloudinary

TaskScript — 11/2023 - 11/2023
Created a simple task manager app to manage your daily tasks.
Stack Used: TypeScript, React.js, MaterialUI

EC2withmoe — 10/2023 - 10/2023
Implemented an Elastic Load Balancer to establish connectivity with an Apache Web Server hosted on a pair of EC2 instances.
Stack Used: AWS, Amazon Elastic Cloud Compute (EC2), Amazon Elastic Load Balancer.

cloudwithmoe — 10/2023 - 10/2023
Created a static resume web application Amazon S3 and CloudFront.
Stack Used: AWS, Amazon CloudFront, Amazon S3.

MyTopTen — 04/2023 - 04/2023
Developed a full-stack CRUD web application that enables users to create and manage a personalized list of favorite movies.
Stack Used: Flask, Jinja, SQLite3, SQLAlchemy.

Kountit — 12/2022 - 02/2023
Created a full-stack CRUD app that allows businesses to manage their inventory. Created the front end using React and Bootstrap; and the back end using Node.js and Express. Utilized redux toolkit for state management and creating actions.
Stack Used: MongoDB, Express, React.js, Node.js, Redux, Bootstrap.

Nipsey — 09/2022 - 09/2022
Created a voice assistant app that gives users inspirational quotes using their voices only. Used Alan AI's API to generate the voice and Alan Studio to handle voice commands. The front-end and UI/UX were designed using React and MaterialUI.
Stack Used: React.js, Alan Studio.

CryptoNite — 02/2022 - 02/2022
A web application that allows crypto hobbyists to browse through popular cryptocurrencies, as well as accessing crypto-related news.
Stack Used: ReactJS, NodeJS, Express, PostgreSQL.

FoodSkip — 01/2022 - 01/2022
A clone of "SkipTheDishes" which allows users to place food orders for pickup.
Stack Used: NodeJS, Express, Twilio, Sass, PostgreSQL.

EMPLOYMENT

Talent Creator Inc., *Software Engineer - Contract Full Time* — 03/2022 - 04/2022
- Utilized Trello to identify business needs and technical requirements. Participated in sprint planning and daily standup meetings with the project manager, adopting Agile and Scrum methodologies.
- Used Watson Discovery and Watson Assistant to process, visualize, and enrich data from data collections and integrated them into various web applications.
- Created several REST API back-end servers using Node.js and Express to handle form data coming from the front-end, parse into JSON, and send a response to the front-end.
- Designed various front-end interfaces and components using React.js to display the response from the back-end, while paying attention to styling using libraries such as MaterialUI to render various components easily.
- Maintained a consistent log of changes in a private repository on GitHub to maintain and promote good source code management.
- Deployed multiple web applications using Heroku and Netlify.

EDUCATION

Lighthouse Labs — 11/2021 - 02/2022
Diploma of Web Development 2022

University of Toronto — 09/2015 - 06/2019
Bachelors of Sciences 2019
Major in Biology with a double minor in Psychology and Canadian Studies