

JEFFREY CAO

FULL STACK DEVELOPER

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SKILLS

Languages

Typescript, Python, SQL, HTML, CSS

Frontend

React, React-Native, Redux, GSAP3, Apollo-Client, Lottie

Backend

Node.js, Express, React, React-Native, GraphQL, Django, PostgreSQL, MongoDB, Socket.IO, Sequelize

Agile Tools

Git, BitBucket, Hive, Slack

AWS

S3, Lambda, DynamoDB, Serverless Framework

Certifications

AWS Cloud Practitioner (Exp. Oct 2023)

EDUCATION

Lighthouse Labs

Full Stack Web Development
Jul 2020 – Oct 2020
Scholarship Recipient

Centennial College

Aircraft Maintenance- Avionics
Aug 2016 – May 2019

HOBBIES

- Playing Sports
- Playing Piano
- Reading
- Cooking

ABOUT ME

Eager to develop skills and experiences in full stack development; while working with great teams to ship amazing products. Coming from a traditional industry, I'm excited to witness the growth and disruption of technology on modern society.

PROJECTS

Route Mapper 🗺

Front End: TS-React | Mapbox | Styled Components

Back End: TS-Node | GraphQL | Apollo

Helps visualize the optimal route given sets of pickup and drop-off longitude and latitudes. Uses a genetic algorithm to address the traveling salesman problem.

Shopify Clone 🔄🌐

Front End: TS-React | Styled Components

Back End: TS-Node | GraphQL | Apollo | PostgreSQL | Sequelize | JWT | Stripe

Infrastructure: Serverless Framework | AWS Lambda | RDS | S3

A clone of the e-commerce giant Shopify.

Moodify 🔄🌐

Front End: React | Styled Components | Material UI

Back End: Node.js | Express | PostgreSQL | Spotify API

Filter music based on Spotify's audio features data to create the perfect playlist for any mood.

EMPLOYMENT

Jr. Full Stack Developer @ Sandbox - La boîte à films

Toronto | Nov 2020 – Present

Project 1 – World Food Programme

- Built a gamified training module using Typescript, React, and Lottie.

Project 2 – Century Initiative

- Integrated Serverless Stripe Donation by leveraging AWS Lambda.

Project 3 –Mighty (Social Media App for Post-Secondary Students) (ongoing)

- Integrated Spotify onto each user's profile, displaying their top artists so users can find more similarities between each other.
- Refactored an existing User Profile component into separate components increasing code reusability.
- Contributed to real time chat functionality (like Facebook messenger)
 - support for sending images via file system/camera
 - ability to mute a group chat for specified periods of time
 - adding users to a group/leaving a group and notifications for them

Avionics Maintenance Technician @ Air Canada

Toronto | Jun 2017 – Mar 2020

- Troubleshoot, installed, and inspected aircraft systems using wiring diagrams, schematic manuals, and fault isolation manuals.