

Saygin Saracoglu

Full Stack Developer Candidate
Toronto, ON

Phone (416) 879-1867

E-mail saygn_gs1@hotmail.com

English/Spanish/Turkish

Portfolio

<https://sayginsaracoglu.github.io/>

GitHub

<https://github.com/Sayginsaracoglu>

An enthusiastic and passionate full stack developer candidate. I am very energetic and self-driven, always eager to learn new technologies. I am dedicated to constantly improving tools and infrastructure to maximize productivity and respond to the changing needs of the business.

Technical Skills

C++, JavaScript, Node.js, HTML5, CSS3, Bootstrap, Git, SQL, Responsive Design, Ruby

Projects

International Space Station(ISS) Distance Calculator

Function:

Help users calculate the distance between their location and current location of ISS.
Application will display message if ISS is visible from user's location.

Purpose:

I created this project because I noticed a pretty bright, fast-moving object in the sky while I was doing my evening walking. First, I thought it was starlink satellite however, after a quick google search, I confirmed that it was ISS and I decided to create an application to calculate its distance from my location as I thought it would be fun to work on. During development I learned lots of important concepts as well as some cool formulas to calculate distance between point A and B as latitudes are not equally separated.

Features:

- Getting user and ISS location with one click
- Calculating distance between user's and ISS's location
- Real-time ISS location (updates every 10 seconds)
- Visualization for both user and ISS location on custom designed google maps

Aircraft Finder

Function:

Allows user to get a certain aircraft information by ICAO24 identification number (Location, speed, altitude, heading etc.) as well as current weather conditions at aircraft location. Users can see aircraft on google maps with aircraft icon pointing current heading.

Purpose:

I am aviation enthusiast since I was 10 years old. Basically, anything related to aviation make me super excited. So as my second project I wanted to combine my both passions.

Features:

- Getting real-live position of a specific aircraft
- Getting real-live weather information at ground level for location of aircraft
- Live visualized aircraft location on google maps
- Responsive aircraft icon will change its size based on aircraft's altitude (Icon will get bigger as aircraft ascends) and its direction based on current heading.

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Weather App (Cliché)

Function:

Pretty straightforward weather application which will allow users to get weather condition for any location they desire to check out.

Purpose:

Even though it is a very common project I still wanted to do this project to learn and be comfortable with some fundamental concepts and have better understanding of API requests.

Features:

- Weather condition at current location with one click
- Weather condition for any given location
- Responsive wind direction and speed indicator which will change wind arrow size based on the wind speed as well as its direction based on the wind direction.

Education

Currently Enrolled – Expected Graduation May 2023

Diploma, Computer Programming and Analysis – Seneca College – School of Software Design & Data Science, Toronto, ON

September 2017 - June 2019

Diploma, Advertising and Marketing Communications - Humber College, Toronto, ON

Work Experience

Dec. 2019 – Feb 2021

Assistant Manager – Euro Restaurant – Toronto