

InPeace NYC Quiet Place Finder

A quiet place finder in Manhattan, New York, with our main user group targeted at introverts.

Frontend	Backend	Deployment
Javascript, React	Python + Flask, Java + Springboot, PostgreSQL + GoogleSQL	Docker, Google Compute Engine

About the Web App

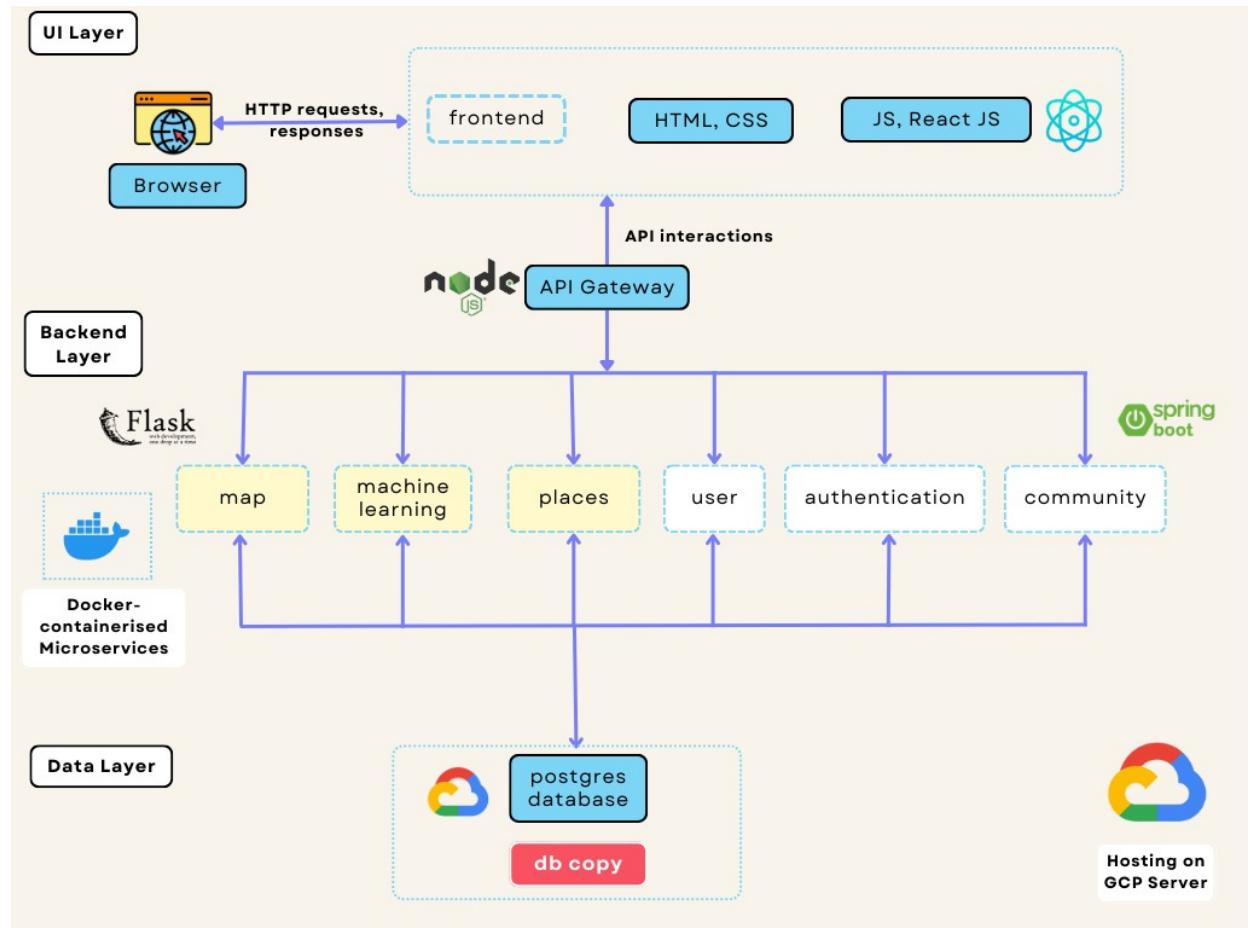
Users can navigate through the InPeace web application to perform two major actions: search for quiet place recommendations, and join the community board. The quiet place search functions can recommend a list of places based on user preference (time, place category). Users can register for an account and log in to the application to create posts, leave comments or simply browse through all posts in the web application.

The application is designed to use a microservice architecture, where the back end is split into different services based on their function. Each of the services is packaged into a Docker container. The front-end and back-end communicate through API through a Node.js API gateway. There is machine learning done with data from New York's yellow cab and weather information for a busyness prediction in the web application. The Postgres database server and deployment server were hosted on Google Cloud.

My Contributions

My role in the project is as a Maintenance Lead. My main contributions include managing the group's Github repo, supporting my teammates in git version control, and managing cloud resources (database server and deployment server), and deploying the web application. Besides, I am involved in some of the backend development, specifically, the places and machine learning microservices, which use Python and the Flask framework. I also contributed to designing the API constructing the API Documentation, and supporting the front-end team in the implementation of the APIs.

Technology Stack



Screenshot of InPeace



What are you looking for?

Destination:
Enter your destination

Category:
Select a category

Expected level of busyness:
Not Busy

Date/Time:
dd/mm/yyyy -- : --

DEFAULT

GO

2023-08-15 14:34:39

Explore Nearby

Name: Russ Tennis

Status: Open

Address: 505 Columbus Ave, Ste 4-B New York, NY 10024

Not Busy

Name: Winterdale Arch

Status: Open

Address: 81st St, Central Park, New York, NY 10024

Very Busy

Name: Theodore Roosevelt Park

Status: Open

Address: Columbus Avenue Between 81st Street And 79th St, New York, NY 10024

Not Busy

Name: Central Park West

Status: Open

Address: Manhattan, NY 10001

Not Busy

