**Rest-API-**

A simple MERN-Stack Rest API ( Mongodb,Express,nodejs,Reactjs).

**MERN Stack:**

-it's a simple full stack app using nodejs(express and concurrenlty)+mongodb and Reactjs.

**Server:**

-This api fetches data from mongodb and returns it in a json format. -the data is about a list of users(name,availabality, rank,distance from us) to get the list of users directly go to as an exemple : <http://localhost:4000/api/users?lng=-70&lat=25&max=10000>. lng, lat and max(maxdistance) are the parametres that mongodb need to get the correspandant list of users(users who are near to (lng,lat) dist<max -try postman to interact with this api for the four http méthodes :get, post,put and delete.:use post first to add data to mongodb . -post for exemple :

{ "name":"riya", "rank":"junior", "available":true, "geometry":{ "type":"point","coordinates":[-70,25]} }

**Client:**

-the app includes also a frontend using ReactJS.it uses the fetch() méthode to get data from the server and displaying it.

**How to install and use:**

1. Clone the project or download the zip
2. After pasting the project and changing the above changes run **npm install** to install all the dependencies for the server.
3. cd client and npm install to install all the dependencies for the client(react,react-dom and babel) 4.go to where mongodb is installed and in a cmd type: cd bin then type mongod
4. to run just the server: npm run server. to run just the client: npm run client. to run both server and client:npm run dev





