Backend Coding Test

You need to create a REST service that can fetch bank details, using the data given in the API's query parameters.

You can use the data available in this <u>repository</u> in your backend db. Write your service in any language of your choice. Host it in Heroku - you can signup for a free account in Heroku. E.g. <u>Here are steps</u> on how you can get a django app running in Heroku in a few minutes. Please use PostgreSQL as your backend DB. You may not be able to load the entire dataset in the free tier - you can make do with 10000 rows.

Essentials your applications should have:

- 1. use PostgreSQL as a backend database
- 2. GET API to fetch a bank details, given branch IFSC code
- 3. GET API to fetch all details of branches, given bank name and a city. This API should also support limit and offset parameters
- 4. APIs should be authenticated using a JWT key, with validity = 5 days

Deliverables:

- 1. Hosting URL
- 2. Github repo link to your solution
- 3. [IMPORTANT] Please include a curl script that makes a call to each of the above mentioned APIs(which includes the JWT key) in your **repo** while demonstrating the limit and offset parameters
- 4. Time taken to complete this exercise

Feel free to reach out to us if you have any questions.