M3 Take Home Exercise

Brief

American Express card members earn points when paying with their AmEx cards. These points can be redeemed for gift cards for various high-street and online shops.
We need you to build a service that provides a collection of REST APIs, supporting the catalogue management for the American Express Membership Rewards Gift Card Store.

To manage the various gift cards used by our card members, your solution should accept HTTP requests at http://localhost:3000 and implement the following APIs:

```
POST /gift_cards: This API takes a candidate gift card payload in the request body (all
the details in the example below except the ID which should be generated by the
application) and responds with an appropriate status code and the response body of the
created gift card.

GET /gift_cards/[id]: This API returns the gift card as a response payload if found, and
an appropriate response if a gift card with that ID doesn't exist.

DELETE /gift_cards/[id] This API should return the appropriate status codes for when the
gift card is found in the application and deleted, or if it is not found.

GET /gift_cards: This API returns a list of all the gift cards created in the system in
the application. This API should support query parameters for the value and company_name
(this should be in camel-case format).
```

Here is the Gift Card payload that your application should return when one is fetched:

```
{
    "id": "652b740a-93ce-49aa-aeb3-c581fae6f8f1",
    "company_name": "Disney",
    "value": "50",
    "points_cost": "10000"
}
```

Please share a public Github repo with your solution via email to the interviewer who sent you the exercise. There are no prescriptive answers, no right or wrong ways to do things and no time limit. All that matters is that your solution solves the business problem.