

# CODA FullStack Hiring Challenge

Sunil Yadav

## Technology Stack - Java, SpringBoot, MongoDB, React

**PORT - 8080**

### Backend APIs -

#### Hacker Resource

<http://{ServerIP}:8080/v1/coda/hasVoted>

API, to fetch whether current Host Has Voted or Not, it Returns True/False.

<http://{ServerIP}:8080/v1/coda/getAllHackers>

API, to fetch List of All Hackers.

<http://{ServerIP}:8080/v1/coda/getHacker/{id}>

API, to fetch Hacker Details of Hacker based in ID.

<http://{ServerIP}:8080/v1/coda/voteToHacker/{id}>

API, to Cast Vote from Host to Hacker.

#### Admin Resource

<http://{ServerIP}:8080/v1/admin/addHacker>

**Admin** API, to add New Hacker in the Repository.

<http://{ServerIP}:8080/v1/admin/deleteHacker/{hackerId}>

**Admin** API, delete Hacker from the Respiratory.

### Frontend -

<http://{ServerIP}:3000/>

### Start - React App :

Go to HackerPoll, and Open Terminal ->

npm install

npm start

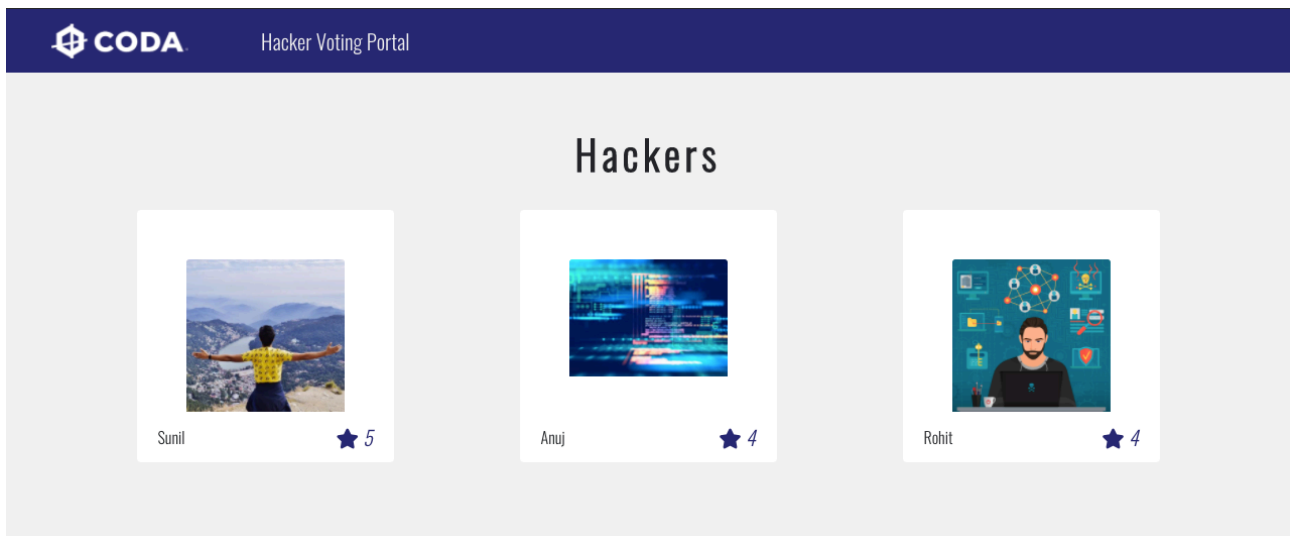
### Start - Backend App :

Open In-Terminal

man springboot:run

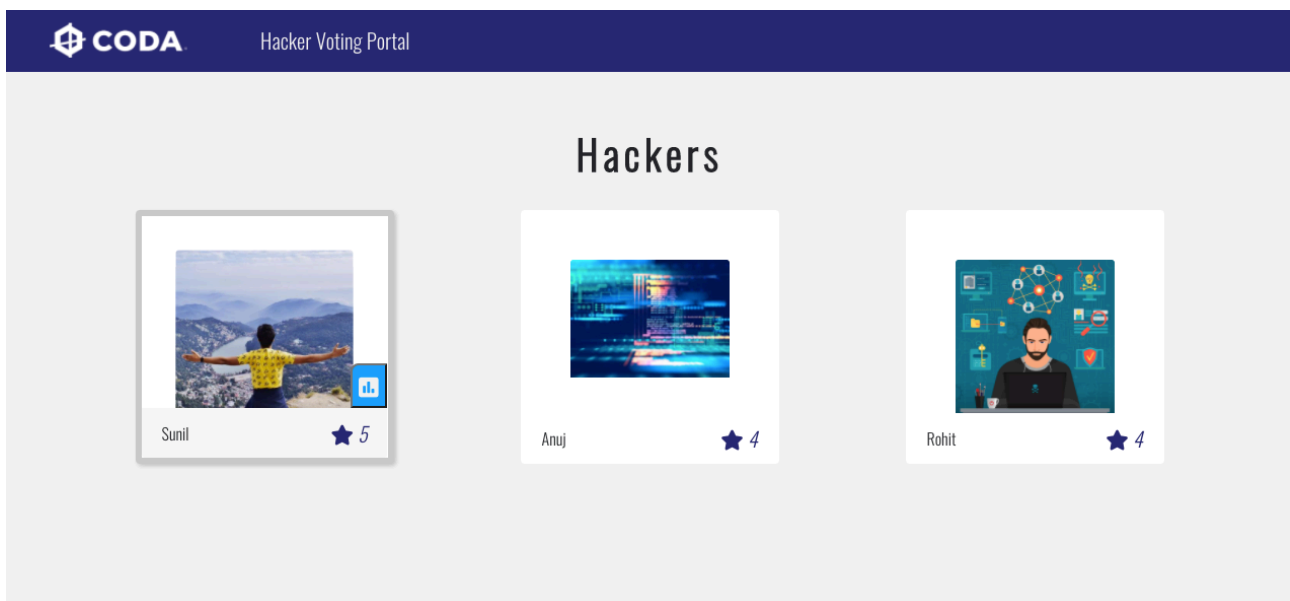
## POC -

### Dashboard Page -




-> These Hackers are Added by Admin Client - Postman.

### Voting Options at Hacker Tile -




-> Since Host Still Hasn't, Voted Yet, we are having option to Vote, on the Hover.

## Details of Hacker -

 CODA

Hacker Voting Portal

Sunil




Hacker ID : 1


LEVEL : 5/5

Solved Challenges: 500

Expert In :


Mongodb :	4/5
Algo :	4/5
React :	3/5
DS :	4/5

[Back to Dashboard](#) 

 CODA

Hacker Voting Portal

Anuj




Hacker ID : 2

LEVEL : 4/5

Solved Challenges: 400

Expert In :

Mongodb :	3/5
Algo :	3/5
React :	3/5
DS :	4/5

[Back to Dashboard](#) 

-> Upon clicking on the Tile at Dashboard, we have details of Hacker.


Clicked on Voted -

Problems - Coda Global FullS... CoN Top 10 Bollywood Comedy

localhost:3000/details

**CODA** Hacker Voting Portal

## Sunil



Hacker ID : 1  
LEVEL : 5 / 5  
Solved Challenges: 500

Expert In :

Mongodb :	4/5
Algo :	4/5
React :	3/5
DS :	4/5

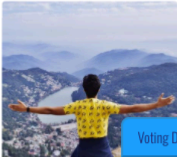
[Back to Dashboard](#) [You Voted](#)

Problems - Coda Global FullS... CoN Top 10 Bollywood Comedy

localhost:3000


**CODA** Hacker Voting Portal

## Hackers




Sunil ★ 5


Voting Done



Anuj ★ 4



Rohit ★ 4

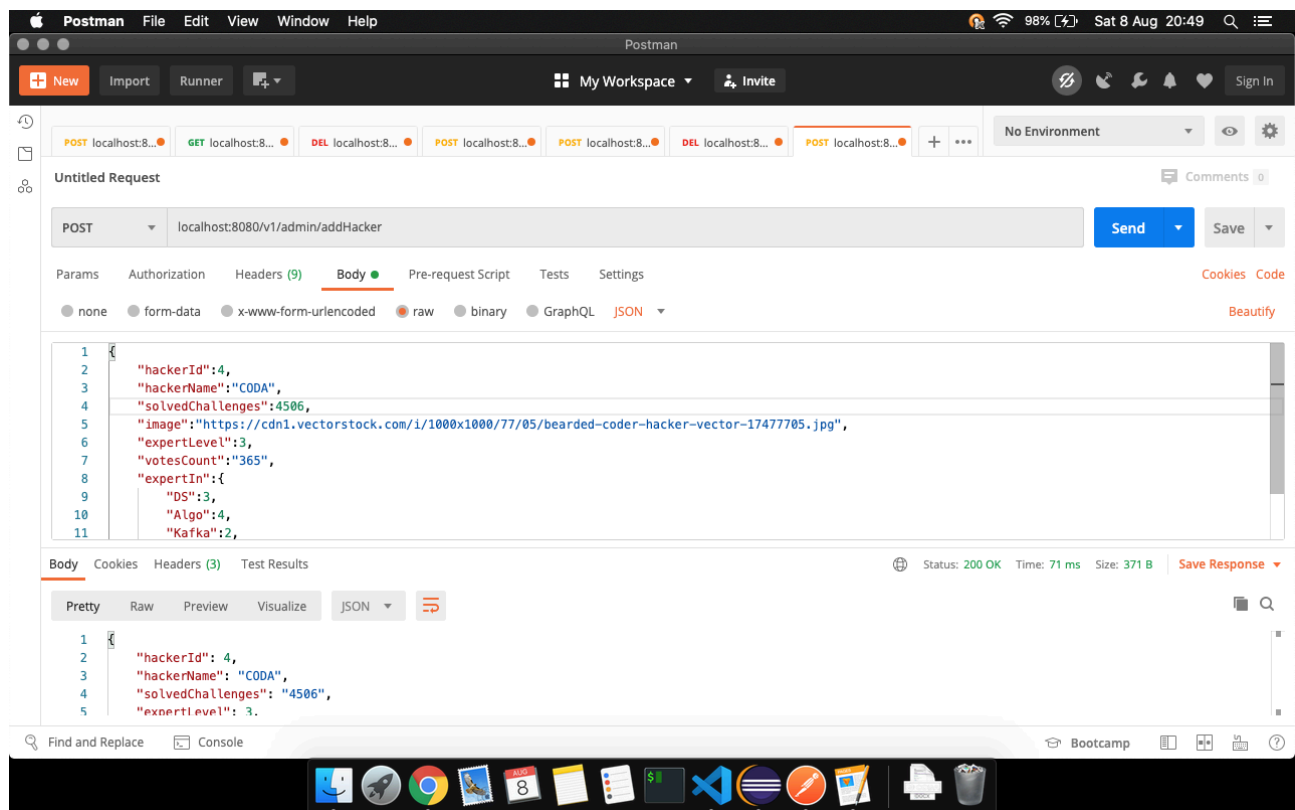


CODA ★ 3

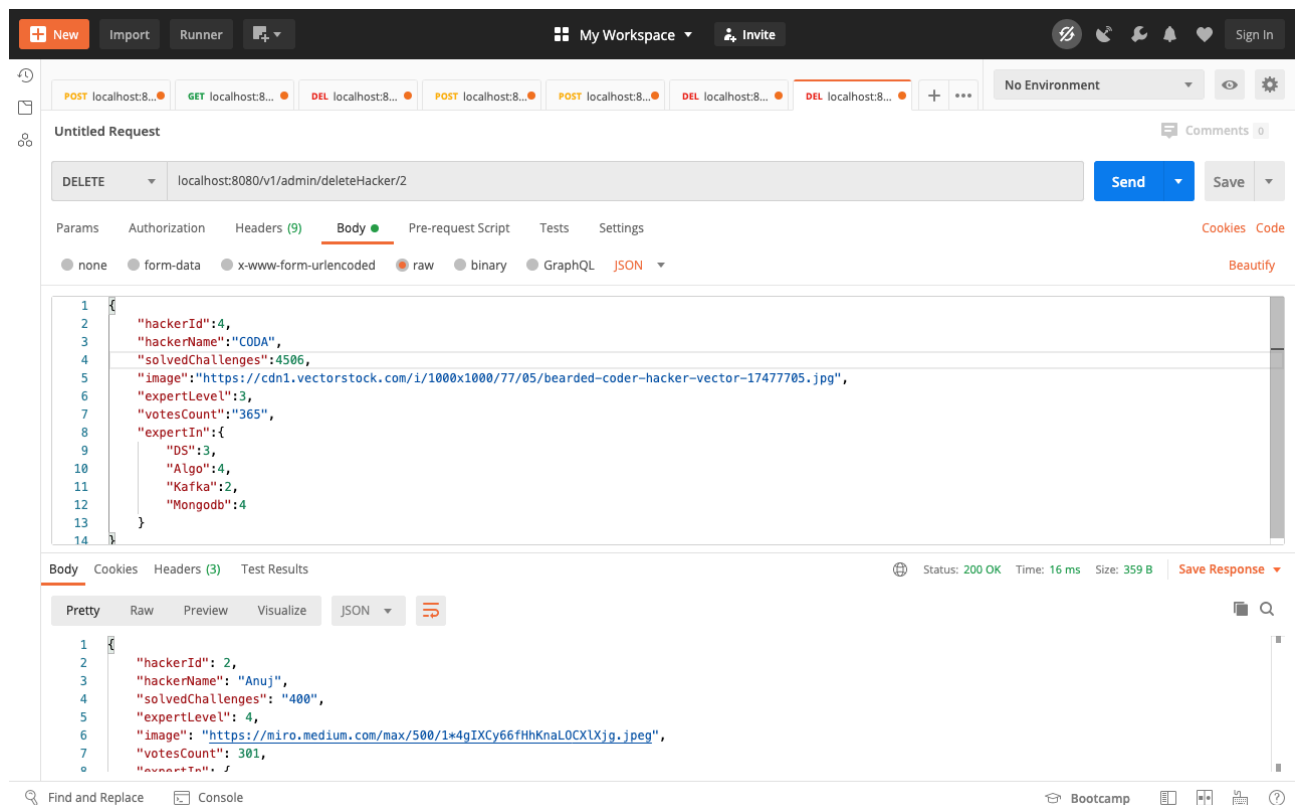
-> Once Voting is Done, Next Time, we will be seeing Voting Done. Tag.

## Admin Functions -

### Adding Hacker -



### Deleting Hacker -



## Checking is Host has Casted its Vote -

The screenshot shows the Postman interface with a workspace named "My Workspace". A collection of requests is visible at the top, including "POST localhost:8...", "GET localhost:8...", "DEL localhost:8...", "POST localhost:8...", "POST localhost:8...", "DEL localhost:8...", and "GET localhost:8...". The selected request is "Untitled Request", which is a GET request to "localhost:8080/v1/coda/hasVoted". The request is sent, and the response is "true". The status is "200 OK", the time is "15 ms", and the size is "209 B".

GET localhost:8080/v1/coda/hasVoted

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (6) Test Results

Status: 200 OK Time: 15 ms Size: 209 B Save Response

Pretty Raw Preview Visualize JSON

```
1 true
```

## Client Functions-

### Getting all Hackers -

The screenshot shows the Postman interface with a workspace named "My Workspace". A collection of requests is visible at the top, including "POST localhost:8...", "GET localhost:8...", "DEL localhost:8...", "POST localhost:8...", "POST localhost:8...", "DEL localhost:8...", and "GET localhost:8...". The selected request is "Untitled Request", which is a GET request to "localhost:8080/v1/coda/getAllHackers". The request is sent, and the response is a JSON object containing details about a hacker named "Sunil". The status is "200 OK", the time is "10 ms", and the size is "1004 B".

GET localhost:8080/v1/coda/getAllHackers

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (6) Test Results

Status: 200 OK Time: 10 ms Size: 1004 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "hackerId": 1,
3   "hackerName": "Sunil",
4   "solvedChallenges": "500",
5   "expertLevel": 5,
6   "image": "https://avatars2.githubusercontent.com/u/36989363?s=460&u=606857714e4168c1938a2895eeca78a4c2a4c24&v=4",
7   "votesCount": 602,
8   "expertIn": {
9     "Mongodb": 4,
10    "Algo": 4,
11    "React": 3,
12    "DS": 4
13  },
14  "voter": [
15    "0:0:0:0:0:0:1"
16  ]
17 }
```

## Fetching Details of a Hacker -

NewImportRunner

My WorkspaceInvite

Sign In

POST localhost:8...GET localhost:8...DEL localhost:8...POST localhost:8...POST localhost:8...DEL localhost:8...GET localhost:8...

No Environment

Comments 0

Untitled Request

GETlocalhost:8080/v1/coda/getHacker/1SendSave

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettingsCookiesCode

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

BodyCookiesHeaders (6)Test ResultsStatus: 200 OKTime: 12 msSize: 490 BSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   "hackerId": 1,
3   "hackerName": "Sunil",
4   "solvedChallenges": "500",
5   "expertLevel": 5,
6   "image": "https://avatars2.githubusercontent.com/u/36989363?s=460&u=606857714e4168c1930a2895eeca778a4c2a4c24&v=4",
7   "votesCount": 602,
8   "expertIn": {
9     "Mongodb": 4,
10    "Algo": 4,
11    "React": 3,
12    "DS": 4
13  },
14   "voter": [
15     "0:0:0:0:0:0:1"
16   ]
17 }
```

Find and ReplaceConsoleBootcamp