## MovieBookingApplication

## **JAVA FSE 1**

# **Springboot-Angular-GCP**

### MovieBookingApp Backend Deployment using GCP Kubernetes steps:

1) Create MongoDB atlas by selecting GCP as a service and create one connection

After creating connection, you will get uri like this

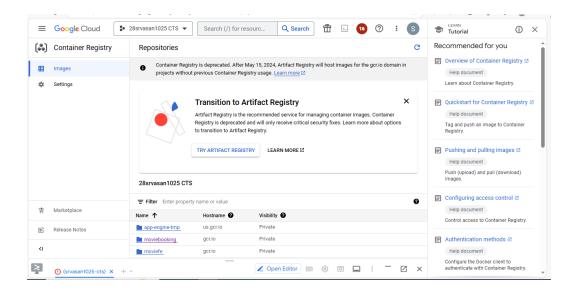
spring.data.mongodb.uri=mongodb+srv://test:test@cluster0.pbg51uc.mongodb.net/?retryWrites=true&w=majorityspring.data.mongodb.database=movieapp

## Update this in application properties

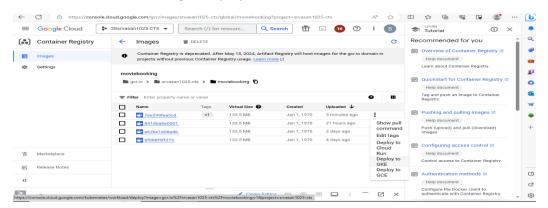
- 2) git clone https://github.com/seenivasan08/Movieappbackenddeployment.git
- 3) cd Movieappbackenddeployment
- 4) mvn clean install

5) mvn com.google.cloud.tools:jib-maven-plugin:build -Dimage=gcr.io/srvasan1025-cts/moviebooking:v1

## 6) Go to Container Registry in GCP



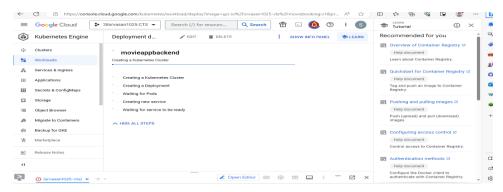
## 7) click -> moviebooking -> Deploy to GKE



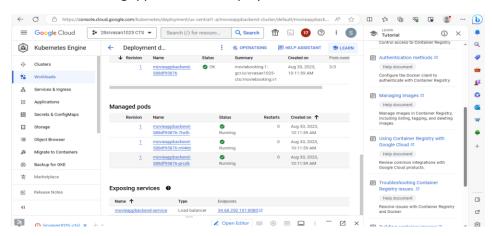
8) Here click on expose and put your bakend port no



### Now backend application is deploying



### Now MovieBookingApp backend is Deployed on GCP Kubernetes.



From using this IP address <a href="http://34.68.250.101:8080">http://34.68.250.101:8080</a> you need to update the frontend code.

### MovieBookingApp Frontend Deployment using GCP appEngine steps:

- 1) git clone https://github.com/seenivasan08/movieappfrontedndeployment.git
- 2) need to create app.yaml file in code

- 3)cd movieappfrontenddeployment
- 4) npm install
- 5) npm install –g @angular/cli
- 6) ng build

```
and decided 394 pockages, and audited 395 packages in 29a

104 packages are looking for funding

run 'nyme fund' for details

'vulnerabilities (1 low, 3 moderate, 1 high)

To address issues that do not require attention, run:

nyme audit fix

To address all issues (including breaking changes), run:

nyme audit fix —force

Run 'nyme audit' for details.

servasan2000961cudshclil-'novicappfrontedindeployment (srvasan1025-cts) fings in 18s

So packages are looking for funding

run 'nyme fund' for details.

servasan200961cudshclil-'novicappfrontedindeployment (srvasan1025-cts) fings in 18s

So packages are looking for funding

run 'nyme fund' for details

servasan200961cudshclil-'novicappfrontedindeployment (srvasan1025-cts) fing build

copying agers to complete.

Copying agers are some looking complete.

Copying agers are some looking.

Indica him generation complete.

108.41 kB | Names | Na
```

7) gcloud app deploy

```
stream2000@cloudshell:-/movieappfrontedndeployment (srvasan1025-cts) % ls
ingular.json app, wall dist node modules package.json package-lock.json REALME.md src tsconfig.app.json tsconfig.json tsconfig.spc.json
revasan200@cloudshell:-/movieappfrontedndeployment (srvasan1025-cts) % ls m-rf node modules
revasan200@cloudshell:-/movieappfrontedndeployment (srvasan1025-cts) % ls m-rf node modules
revasan200@cloudshell:-/movieappfrontedndeployment (srvasan1025-cts) % ls m-rf node modules
revasan200@cloudshell:-/movieappfrontedndeployment (srvasan1025-cts) % ls m-rf node
revasan200@cloudshell:-/movieappfrontedndeployme
```

Now MovieBookingApp frontend is deployed on GCP appEngine

From using this IP address https://srvasan1025-cts.uc.r.appspot.com/ you need to update the backend code