

Lab 5

1. Links to your fragments microservice's Dockerfile and .dockerignore files on GitHub.

[Fragments \(https://github.com/shawnyu5/fragments\)](https://github.com/shawnyu5/fragments)

Fragments ui (<https://github.com/shawnyu5/fragments-ui>)

2. Screenshots of your fragments microservice running as a Docker container in detached mode. Use port 4444 on your host and port 8080 in the container. Use curl or your browser to hit the server's health check route inside the container, and docker logs to show the server's logs when you do.

```
$ docker run --rm --env-file .env -p 4444:8080 -d fragments
fd4d9186334753e6e5e651362bf4454cb54130c178a5df14376d40225e245b99
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] ↵ 1 🌱 feat/dockerize
$ curl localhost:4444
curl: (52) Empty reply from server
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] ↵ 1 🌱 feat/dockerize
$ curl localhost:4444
{"status":"ok","author":"Shawn Yu","githubUrl":"https://github.com/shawnyu5/fragments","version":"1.0.0"}%
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] ↵ 1 🌱 feat/dockerize
$ docker logs fd4d9186334753e6e5e651362bf4454cb54130c178a5df14376d40225e245b99

> fragments-api@1.0.0 start
> ts-node .

{"level":30,"time":1655657062219,"pid":20,"hostname":"fd4d91863347","msg":"Server listening on port 8080"}
{"level":30,"time":1655657062407,"pid":20,"hostname":"fd4d91863347","msg":"Cognito JWKS cached"}
```

3. Screenshot of your fragments microservice container running in Visual Studio Code via the Docker Extension. Right-click it and include the logs.

```
> Executing task: docker run --rm -d -p 8080:8080/tcp fragments:latest <
4ded4934ca7ea11ed14ca8e41a8f0baf01c074e2bb5293338a88bb08d6ea63ea
```

4. Screenshots of your fragments microservice running as a Docker container in detached mode on EC2. Use port 8080 on your EC2 host and port 8080 in the container. Use curl or your browser to hit the EC2 server's health check route inside the container, and docker logs on the EC2 instance to show the server's logs when you do.

```
curl localhost:8080
```

```
{"status":"ok","author":"Shawn Yu","githubUrl":"https://github.com/shawnyu5/fragments","version":"1.0.0"}
```

```
[ec2-user@ip-172-31-27-162 fragments]$ docker logs d0630a78a801
```

```
> fragments-api@1.0.0 start
```

```
> ts-node .
```

```
{"level":30,"time":1655397223183,"pid":20,"hostname":"d0630a78a801","msg":"Server listening on port 8080"}
```

```
{"level":30,"time":1655397223220,"pid":20,"hostname":"d0630a78a801","msg":"Cognito JWKS cached"}
```