

Visual Studio Code interface showing the file explorer on the left with a list of files under the 'OPENSIFT' directory. The main editor displays the content of 'Mysql-Os.yaml', which is a Kubernetes manifest for a MySQL database service. The manifest includes fields for apiVersion, kind, metadata (name, labels), spec (replicas, selector, template), and container details (image, ports, volume mounts, environment variables, and volumes).

```
1 io.k8s.api.core.v1.Service (v1@service.json) | io.k8s.api.apps.v1.Deployment (v1@deployment.json)
2 apiVersion: apps/v1
3 kind: Deployment
4 metadata:
5   name: mysql-db
6   labels:
7     app: mysql-db
8 spec:
9   replicas: 1
10  selector:
11    matchLabels:
12      app: mysql-db
13  template:
14    metadata:
15      labels:
16        app: mysql-db
17    spec:
18      containers:
19      - name: mysql-db
20        image: mysql
21        ports:
22        - containerPort: 3306
23        volumeMounts:
24        - name: mysql-volume
25          mountPath: /var/lib/mysql
26        env:
27        - name: MYSQL_DATABASE
28          value: studentwebapp
29        - name: MYSQL_PASSWORD
30          value: "root"
31        - name: MYSQL_ROOT_PASSWORD
32          value: "root"
33      volumes:
34      - name: mysql-volume
```

The status bar at the bottom indicates the current file is 'dev23199-dev/api-sandbox-m2-1l9k-p1-openshiftapps-com:6443/dev23199-dev' and shows various system icons and the date/time (15:51, 15-05-2023).

FileEditSelectionViewGoRunTerminalHelp

Mysql-Route-Os.yaml - Openshift - Visual Studio Code

EXPLORER

OPENSIFT

! Mysql-Os.yaml

! Mysql-Route-Os.yaml

! React-Os.yaml

! React-Route-Os.yaml

! Springboot-Os.yaml

! Springboot-Route-Os.yaml

OUTLINE

TIMELINE

! Mysql-Route-Os.yaml

! Mysql-Route-Os.yaml > apiVersion

com.github.openshift.api.route.v1.Route (v1@route.json)

1 apiVersion: route.openshift.io/v1

2 kind: Route

3 metadata:

4 name: mysql-db-route

5 spec:

6 to:

7 kind: Service

8 name: mysql-db-service

9 port:

10 targetPort: mysql

11 tls:

12 termination: edge

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/route.openshift.io/v1@route

34°

Search

ENG IN

15:51 15-05-2023

File Edit Selection View Go Run Terminal Help

React-Os.yaml - Openshift - Visual Studio Code

EXPLORER

OPENSIFT

! Mysql-Os.yaml

! Mysql-Route-Os.yaml

! React-Os.yaml 1

! React-Route-Os.yaml

! Springboot-Os.yaml

! Springboot-Route-Os.yaml

! React-Os.yaml 1

React-Os.yaml > ...

4 apiVersion: apps/v1

5 kind: Deployment

6 metadata:

7 name: react-app

8 labels:

9 app: react-app

10 spec:

11 replicas: 1

12 selector:

13 matchLabels:

14 app: react-app

15 template:

16 metadata:

17 labels:

18 app: react-app

19 spec:

20 containers:

21 - name: react-app

22 image: saurabh7nt/student-web-app-react-v2

23 ports:

24 - containerPort: 3000

25 env:

26 - name: REACT_APP_API_URL

27 value: http://spring-app-service-saurabh7nt-dev.apps.sandbox-m2.119k.p1.openshiftapps.com/student

28 ---

29 #service file

30

31

32 apiVersion: v1

33 kind: Service

34 metadata:

35 name: react-app-service

36 spec:

37 selector:

38 app: react-app

39 ports:

40 name: http

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/apps/v1@deployment+v1@service

34°

Search

15:51 15-05-2023

VS Code Icons

File Edit Selection View Go Run Terminal Help

React-Route-Os.yaml - Openshift - Visual Studio Code

Window Controls

EXPLORER

OPENSIFT

- ! Mysql-Os.yaml
- ! Mysql-Route-Os.yaml
- ! React-Os.yaml
- ! React-Route-Os.yaml**
- ! Springboot-Os.yaml
- ! Springboot-Route-Os.yaml

OUTLINE

TIMELINE

! React-Route-Os.yaml

! React-Route-Os.yaml > apiVersion

```
com.github.openshift.api.route.v1.Route (v1@route.json)
1  apiVersion: route.openshift.io/v1
2  kind: Route
3  metadata:
4    name: react-app-route
5  spec:
6    to:
7      kind: Service
8      name: react-app-service
9  port:
10    targetPort: http
11  tls:
12    termination: edge
```

0 0 0

dev23199-dev/api-sandbox-m2-1l9k-p1-openshiftapps-com:6443/dev23199 dev23199-dev

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF YAML Go Live

kubernetes://schema/route.openshift.io/v1@route

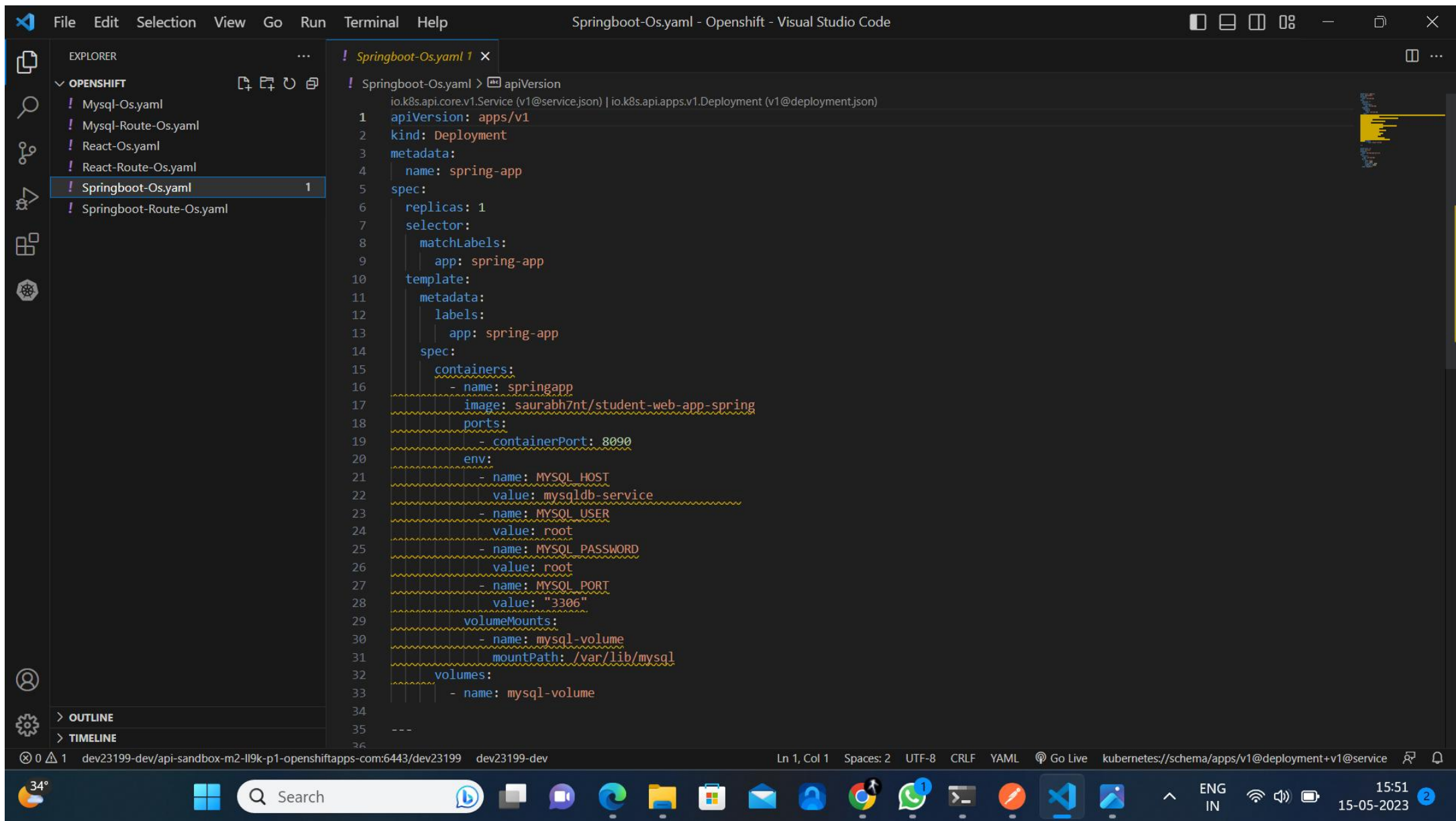
34°

Windows Taskbar Icons

Search

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15:51 15-05-2023



VS Code Icons

File Edit Selection View Go Run Terminal Help

Springboot-Route-Os.yaml - Openshift - Visual Studio Code

Window Controls

EXPLORER

OPENSIFT

- ! Mysql-Os.yaml
- ! Mysql-Route-Os.yaml
- ! React-Os.yaml
- ! React-Route-Os.yaml
- ! Springboot-Os.yaml
- ! Springboot-Route-Os.yaml

OUTLINE

TIMELINE

! Springboot-Route-Os.yaml

! Springboot-Route-Os.yaml > apiVersion

com.github.openshift.api.route.v1.Route (v1@route.json)

```
1 apiVersion: route.openshift.io/v1
2 kind: Route
3 metadata:
4   name: spring-app-route
5 spec:
6   to:
7     kind: Service
8     name: spring-app-service
9   port:
10    targetPort: http
11   tls:
12    termination: edge
```

0 0 dev23199-dev/api-sandbox-m2-ll9k-p1-openshiftapps-com:6443/dev23199 dev23199-dev

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF YAML Go Live kubernetes://schema/route.openshift.io/v1@route

34° Search

Taskbar Icons

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```
D:\Download\oc (1)>
```

2

```
C:\Windows\System32\cmd.e x + v

D:\Download\oc (1)>oc apply -f React-0s.yaml
deployment.apps/react-app created
service/react-app-service created


D:\Download\oc (1)>oc expose svc react-app-service
route.route.openshift.io/react-app-service exposed


D:\Download\oc (1)>oc get routes
NAME                                HOST/PORT                                PATH  SERVICES  PORT
TERMINATION  WILDCARD
mysql-db-service  mysql-db-service-dev23199-dev.apps.sandbox-m2.ll9k.p1.openshiftapps.com  mysql-db-service  mysql
react-app-service  react-app-service-dev23199-dev.apps.sandbox-m2.ll9k.p1.openshiftapps.com  react-app-service  http
spring-app-service  spring-app-service-dev23199-dev.apps.sandbox-m2.ll9k.p1.openshiftapps.com  spring-app-service  http

D:\Download\oc (1)>oc get pods
NAME                                READY  STATUS              RESTARTS  AGE
mysql-db-674f95758c-kdq9s          1/1    Running             0          6m46s
open-shift-git-00001-deployment-c88cbfc-sj8fm  0/2    CrashLoopBackOff    5 (81s ago)  4m22s
open-shift-one-00001-deployment-688bcf7957-4t6g9  0/2    CrashLoopBackOff    5 (2m25s ago)  5m28s
react-app-6c554dcdf4-g99xl         1/1    Running             0          36s
spring-app-75986bdf98-5fc8x        1/1    Running             0          3m59s

D:\Download\oc (1)>
```

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Mostly sunny





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15-05-2023

</p>

Cookies

... Bulk Edit

Description

 Status: 200 OK Time: 361 ms Size: 269 B  Save as Example 

```
1 [
2   {
3     "id": 1,
4     "name": "suraj",
5     "dob": "23-01-2001",
6     "mobileneno": "000001"
7   }
8 ]
```

Registration Page

Name:

Date of Birth:

Mobile No:

Regis

Devesh Sharma

sapna



34°C
Mostly sunny



Q Search



ENG
IN



15:48

15-05-2023

Registration Page

Name:

Date of Birth:

Mobile No:



34°C
Mostly sunny



Q Search



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IN



15:48
15-05-2023



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Home

Workspaces ▾

API Network ▾

Explore

🔍 Search Postman

👤 Invite

⚙️

🔔

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Upgrade ▾

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Overview

GET http://spring-app-servi

POST http://spring-app-ser

GET localhost:8090/jdk.inte

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No Environment ▾

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🗑️ Collections

🔗 APIs

🏠 Environments

🕒 History

🧩

🔗

http://spring-app-service-dev23199-dev.apps.sandbox-m2.1l9k.p1.openshiftapps.com/player/get

Save ▾

✎

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</>

GET ▾

http://spring-app-service-dev23199-dev.apps.sandbox-m2.1l9k.p1.openshiftapps.com/player/get

Send ▾

💡

Params

Authorization

Headers (9)

Body ●

Pre-request Script

Tests

Settings

Cookies

Query Params

Key	Value	Description	...	Bulk Edit
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Body

Cookies (1)

Headers (6)

Test Results

🌐 Status: 200 OK Time: 742 ms Size: 341 B

📄 Save as Example

...

Pretty

Raw

Preview

Visualize

JSON ▾

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```
1  [
2    {
3      "id": 1,
4      "name": "suraj",
5      "dob": "23-01-2001",
6      "mobilen": "000001"
7    },
8    {
9      "id": 2,
10     "name": "Devesh Sharma",
11     "dob": "09-05-2111",
12     "mobilen": "1425636"
13   }
14 ]
```

📄 Online 🔍 Find and Replace 🖨️ Console

🍪 Cookies 🔄 Capture requests 🏃 Runner 🗑️ Trash 🧩 ?

🌤️ 34°C Mostly sunny

🪟 Search

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