

Name : Akshansh Kaundal

UID : 23BCS13369

Class: 622-B

1. Backend (Node + Express)

```
const express = require('express');
const cors = require('cors');
const app = express();
app.use(cors());
app.use(express.json());

const PORT = process.env.PORT || 3000;

app.get('/api/hello', (req, res) => {
  res.json({ message: 'Hello from backend', hostname: require('os').hostname() });
});

app.get('/health', (req, res) => res.status(200).send('OK'));

app.listen(PORT, () => console.log(`Backend running on ${PORT}`));
```

2. Frontend (React)

App.js

```
import React, { useEffect, useState } from "react";

function App() {
```

```
const [msg, setMsg] = useState(null);

const BACKEND_URL = process.env.REACT_APP_BACKEND_URL ||
"http://ALB_DNS";

useEffect(() => {
  fetch(`${BACKEND_URL}/api/hello`)
    .then(res => res.json())
    .then(setMsg);
}, []);

return (
  <div>
    <h1>Full Stack App</h1>
    <pre>{JSON.stringify(msg, null, 2)}</pre>
  </div>
);
}

export default App;
```

Output in image form :

