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➤ Full Stack PRACTICE 9.3

- CODE

Server.js:::

```
const express = require('express');
const cors = require('cors');
const os = require('os');

const app = express();
app.use(cors());

app.get('/', (req, res) => {
  res.send(`Hello from Backend running on: ${os.hostname()}`);
});

const PORT = process.env.PORT || 5000;
app.listen(PORT, () => {
  console.log(`Backend server running on port ${PORT}`);
});
```

Package.json:::

```
{
  "name": "aws-backend",
  "version": "1.0.0",
```

```
"main": "server.js",
"dependencies": {
  "cors": "^2.8.5",
  "express": "^4.18.2"
},
"scripts": {
  "start": "node server.js"
}
}
```

src/App.js :::

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

function App() {
  const [message, setMessage] = useState("");

  useEffect(() => {
    fetch("http://<ALB-DNS-Name>/") // ALB public DNS name here
      .then(res => res.text())
      .then(data => setMessage(data));
  }, []);

  return (
    <div style={{ textAlign: "center", marginTop: "100px" }}>
      <h1> AWS Load Balanced Full Stack App</h1>
      <p>{message || "Loading response from backend..."}</p>
    </div>
  );
}

export default App;
```

OUTPUT:



AWS Load Balanced Full Stack App
Hello from Backend running on: ip-172-31-45-100