Simple app with MongoDB backend and React FrontEnd

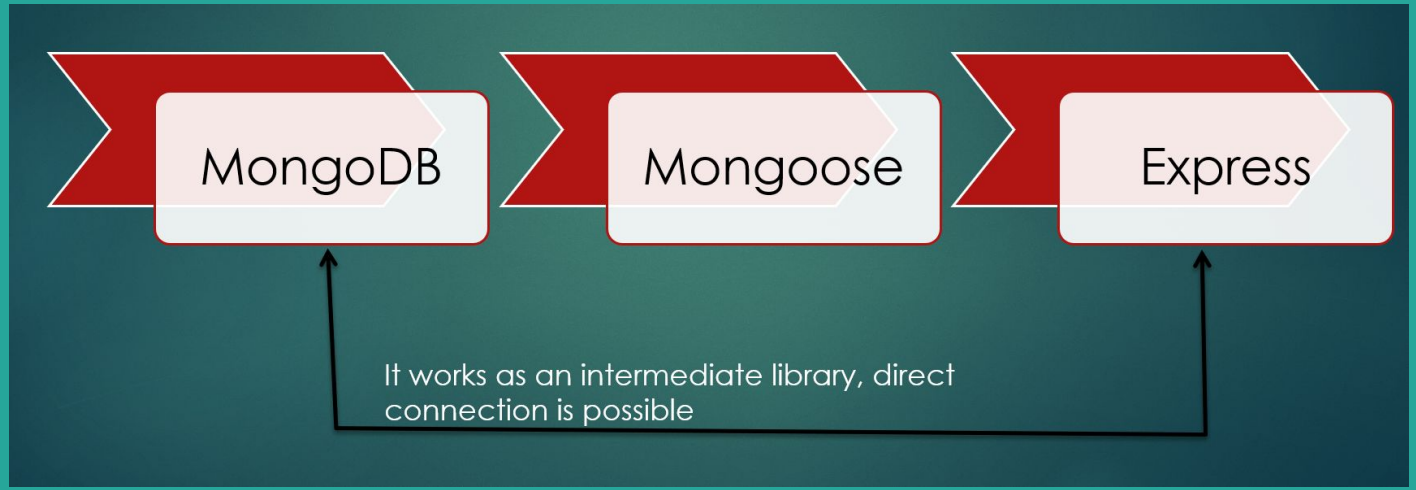
—

Hugo Pelayo and Guillermo Quintanar

Backend

mongoDB

Mongoose

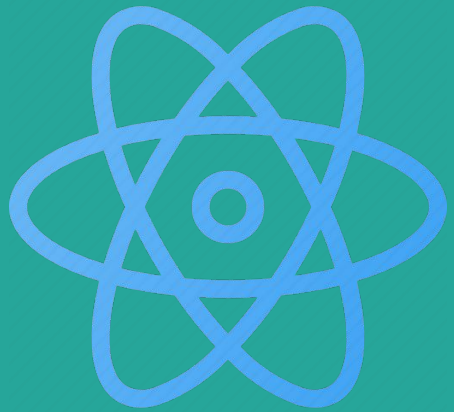

MongoDB
Mongoose
Express
It works as an intermediate library, direct connection is possible

Express

```
const aplicacion = new express();

aplicacion.use(cors());

aplicacion.use(morgan("dev"));

aplicacion.use(express.json());

aplicacion.use(cookieParser());

aplicacion.use("/api",router);

aplicacion.use("/api",ruta);

aplicacion.use("/api",rutaAlumno);

export default aplicacion;
```

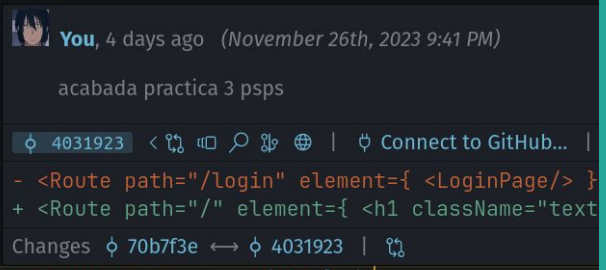
Cookies
Bcrypt

Frontend Tech



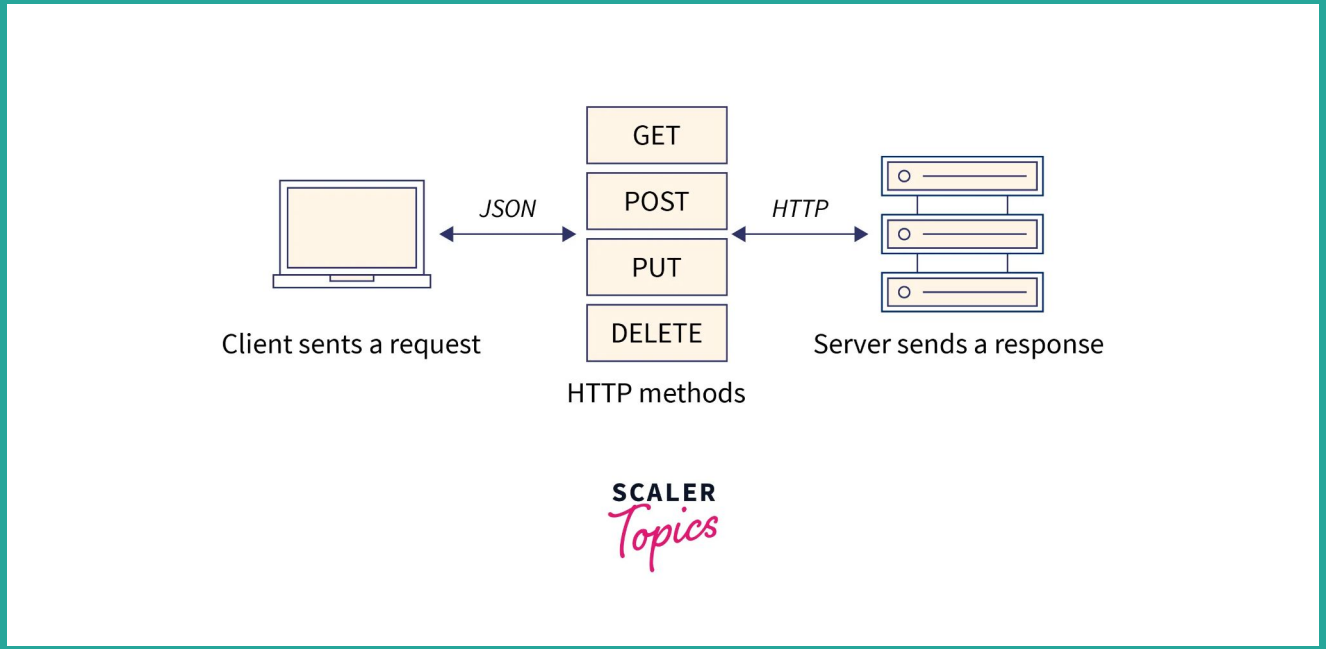
Specify the sites for our routes

```jsx
import TaskPage from "./pages/TaskPage.jsx";
import TaskFormPage from "./pages/TaskFormPage.jsx";
import ProfilePage from "./pages/ProfilePage.jsx";

import { AuthProvider } from "./context/AuthContext.jsx";

export default function App() {
    return (
        <AuthProvider>
            <BrowserRouter>
                <Routes>
                    <Route path="/" element={ <h1 className="text-4xl font-bold">Home Page</h1> } />      You, 4 days
                    <Route path="/login" element={ <LoginPage/> } />
                    <Route path="/register" element={ <RegisterPage/> } />

                    <Route path="/tasks" element={ <TaskPage/> } />
                    <Route path="/add-task" element={ <TaskFormPage/> } />
                    <Route path="/tasks/:id" element={ <TaskFormPage/> } />
                    <Route path="/miPerfil" element={ <ProfilePage/> } />
                </Routes>
            </BrowserRouter>
        </AuthProvider>
    );
}
```



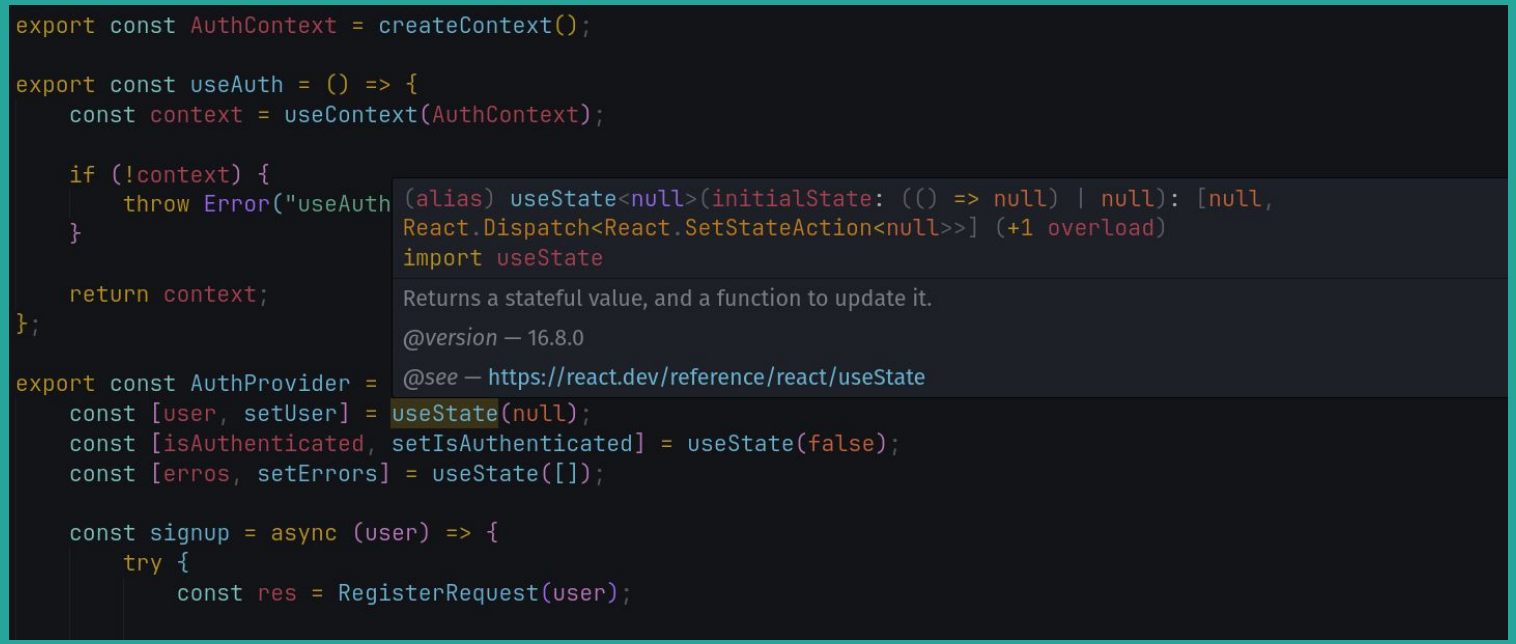
Now we need to send the data from our frontend to our backend.

We use axios for this, but there's a built-in alternative in the browser (fetch).

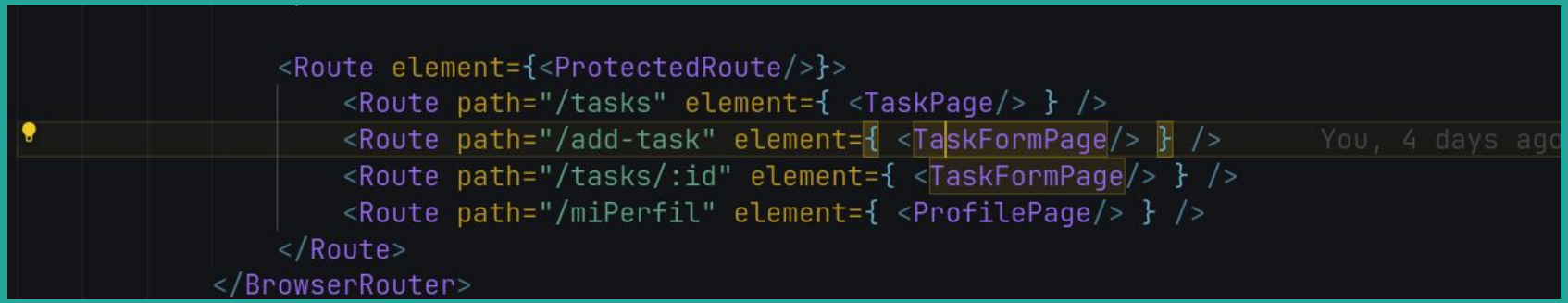


```
You, 2 weeks ago | 1 author (You)
import axios from "axios";

// puerto del servidor
const PORT = 4000;
const API = `http://localhost:${PORT}`;

const RegisterRequest = (user) => axios.post(`${API}/register`, user);


export default RegisterRequest;
```

To manage our frontend context we use providers, which are functions that pass data to the different components of our app.



Finally we just need to secure our routes



Great Experience!

PRESENTACIÓN
PATROCINADA POR:
Loterías y Apuestas del Estado