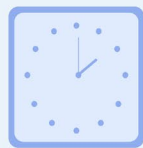
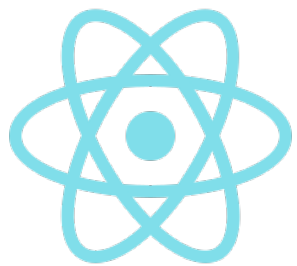


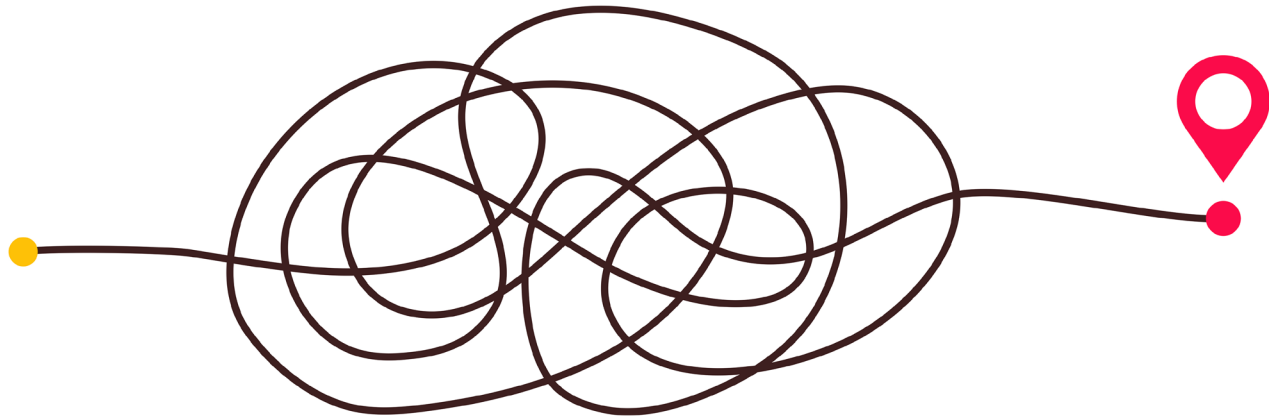
DO TNETMASTERY
The ultimate learning recourse for .NET developers.

- What is this course about?

- Why this course?



My learning curve!

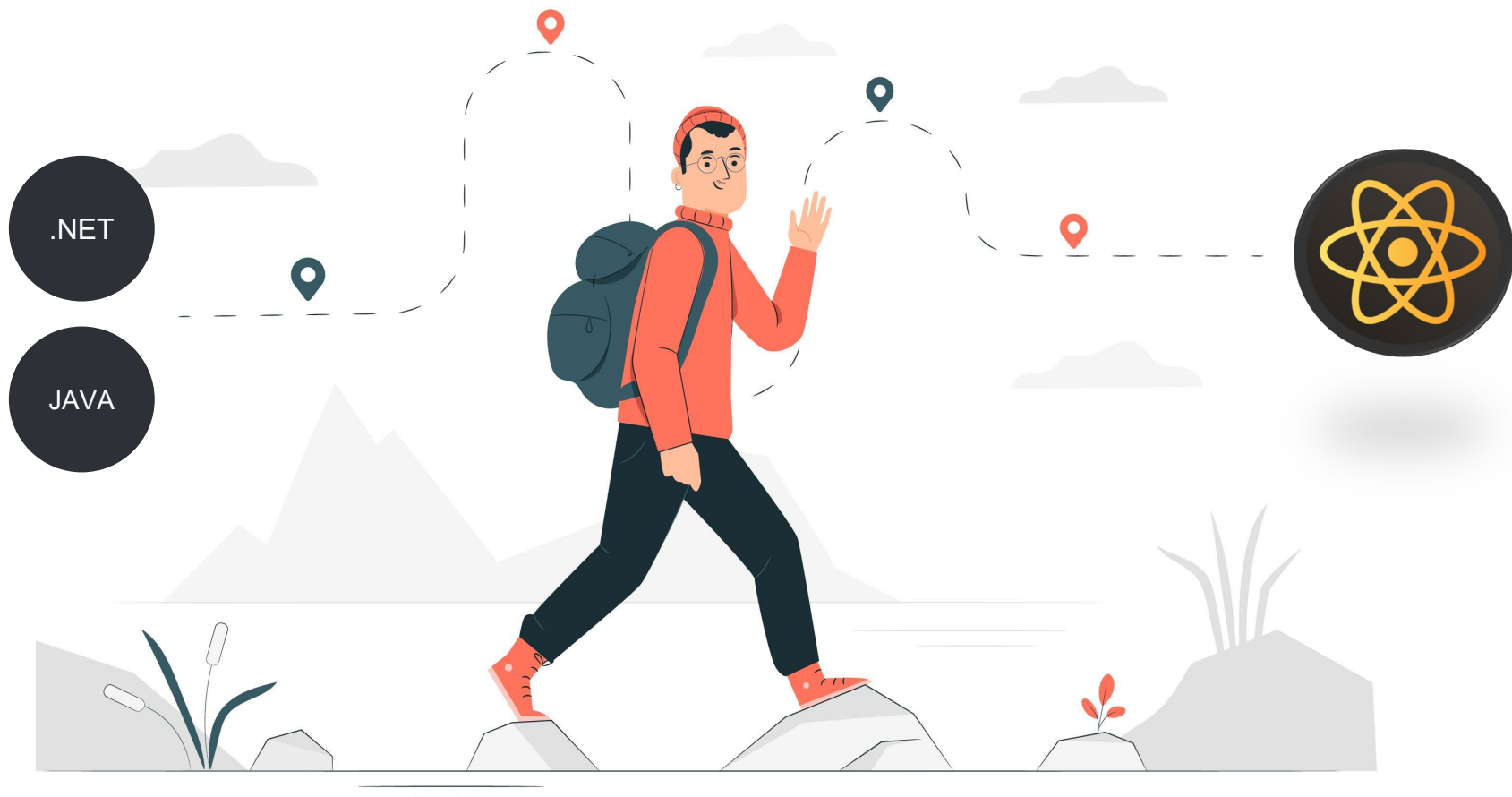


NOT! Your Journey



Your Journey!

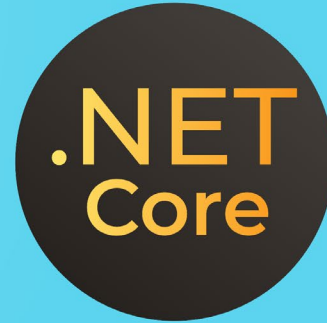
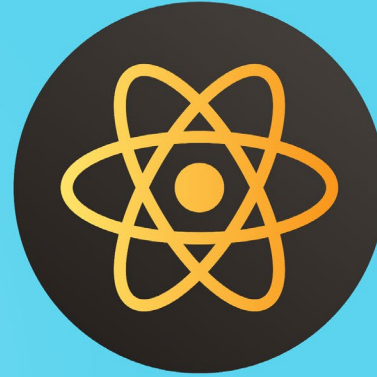




✓ Best Practices



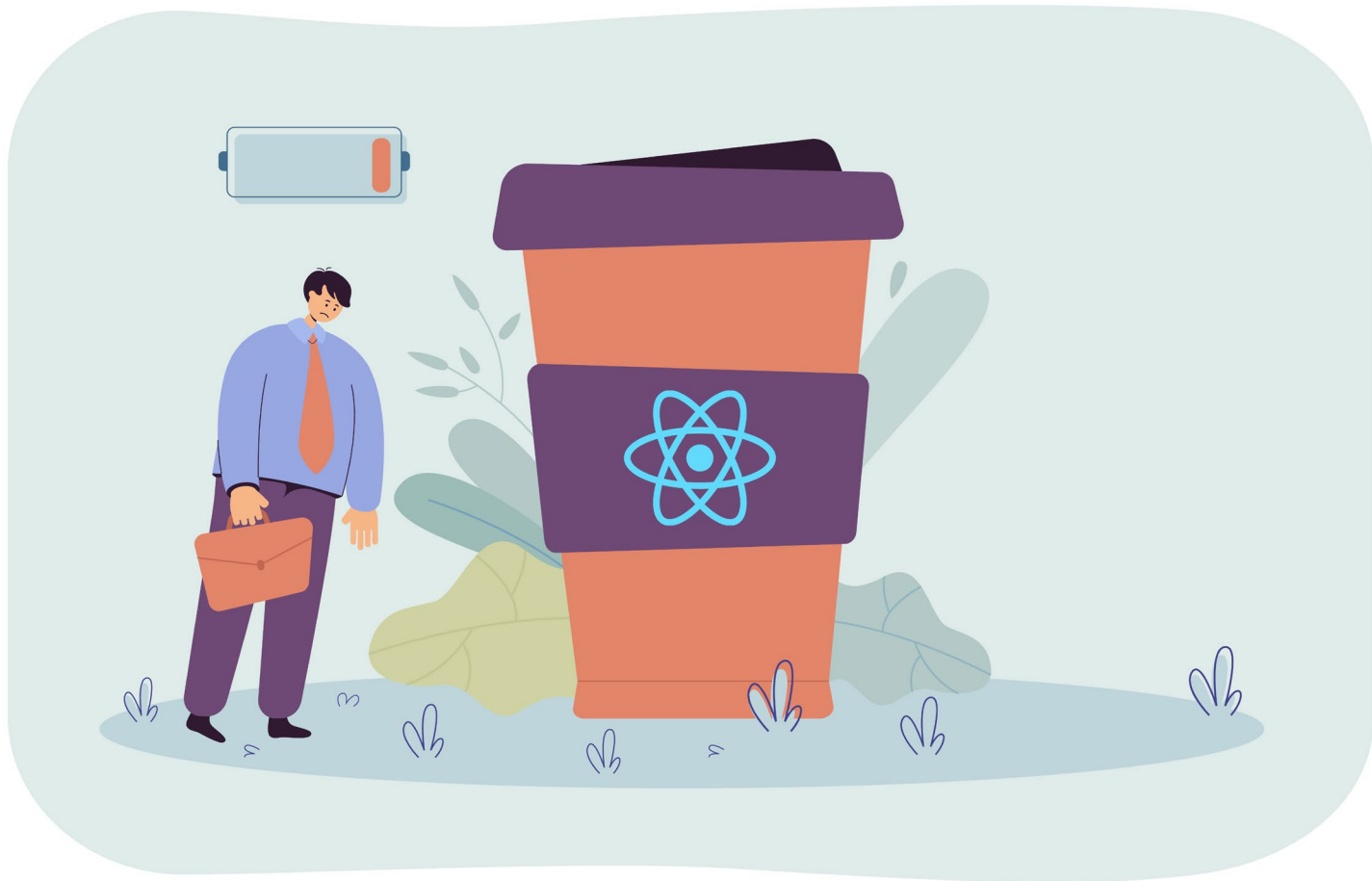
✓ Real World Examples



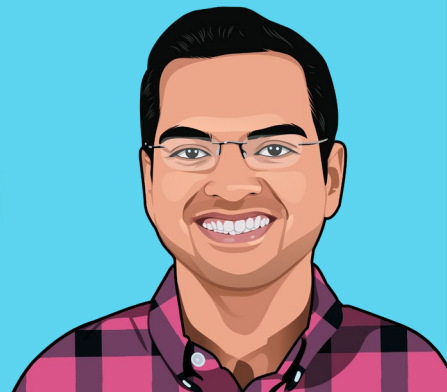
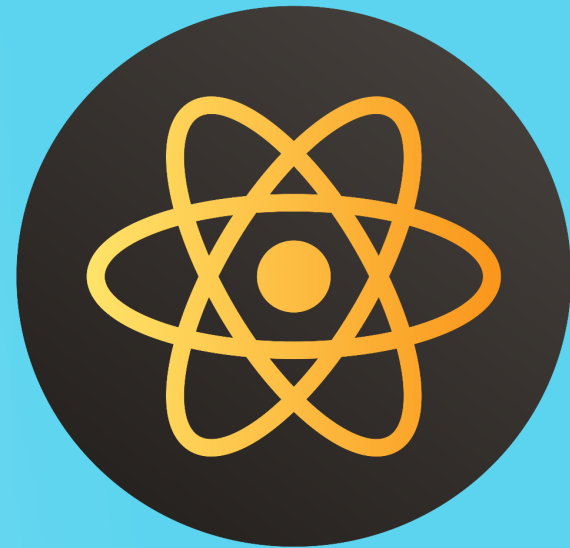
9 Projects



25 Assignments







DO TNETMASTERY
The ultimate learning recourse for .NET developers.

- What is React?

- What is React?

- Create React App

Visual Studio Code Extensions



Live Server v5.7.9

Ritwick Dey | 29,100,181 | ★★★★★ (415)

Launch a development local Server with live reload feature for static & dynamic pages

[Disable](#) [Uninstall](#) ⚙️

This extension is enabled globally.



Bracket Pair Colorization Toggler v0.0.2

Dzhavat Ushev | 344,937 | ★★★★★ (3)

Quickly toggle 'Bracket Pair Colorization' setting with a simple command

[Disable](#) [Uninstall](#) ⚙️



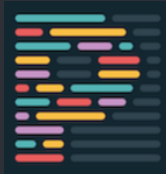
Material Icon Theme v4.23.0

Philipp Kief | 15,466,917 | ★★★★★ (274) | ❤️ Sponsor

Material Design Icons for Visual Studio Code

[Set File Icon Theme](#) [Disable](#) [Uninstall](#) ⚙️

This extension is enabled globally.



Prettier - Code formatter v9.10.3

Prettier | 27,450,516 | ★★★★★ (370) | ❤️ Sponsor

Code formatter using prettier

[Disable](#) [Uninstall](#) ⚙️

This extension is enabled globally.



ES7+ React/Redux/React-Native snippets v4.4.3

dsznajder | 6,965,421 | ★★★★★ (65)

Extensions for React, React-Native and Redux in JS/TS with ES7+ syntax. Customizable. Built-in integration with prettier.

[Disable](#) [Uninstall](#) ⚙️

- How to get Help?

- Section 2

- Section 3

- Section 4

- Section 5

- Section 6

- Section 7

- Section 2

- Section 2

Start json-server

- `npx json-server --watch data/traveldb.json --port 5001`

- Section 2

● Class vs Functional Components

Class Components

- Less common
- `render()` method is required, which returns an HTML element
- Stateful components
- Class components have lifecycle methods

Functional Components

- More common
- `render()` method is not present, it directly returns HTML element or nothing.
- Stateless components
- Class components do have lifecycle methods
- Hooks!

• JSX Components

- Component Names must be Pascal Casing

```
function Footer() {  
  <Footer />  
}
```

- Props must be camel casing

```
<input maxLength={5} readOnly="false">
```

- Inline style is an object so it must be enclosed in double curly brackets

```
<p style={{ color: "gray", backgroundColor: "black" }}>Happy Coding!</p>
```

- Integer in props will go in {} and "" will be string , and bool goes in {}

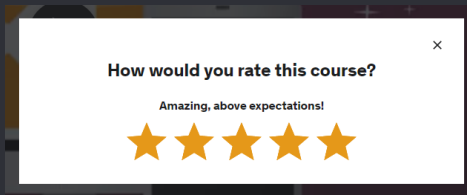
```
<input maxLength={5} readOnly={false} placeholder="Ben"></input>
```

- 'class' needs to be replaced with 'className' `<h1 className="heading1">`

• RTK Query

- Queries – used to fetch data (Get/ GetALL)
- Mutation – used to update data (Create/ Update/ Delete)

• Reviews

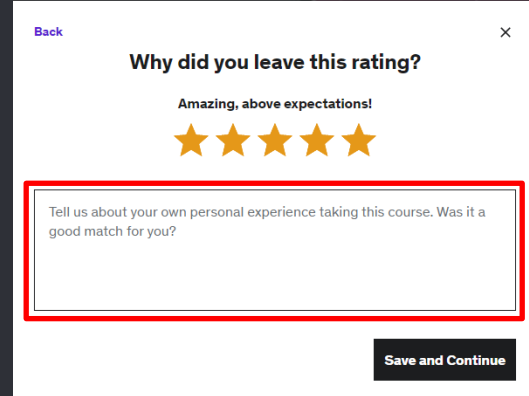


A screenshot of a review form. At the top, it says "How would you rate this course?" with a close button (X) in the top right corner. Below the question, it says "Amazing, above expectations!" and shows five yellow stars. The form is set against a background of a blurred image of a person.

How would you rate this course? X

Amazing, above expectations!

★★★★★



A screenshot of a review form. At the top, it says "Why did you leave this rating?" with a close button (X) in the top right corner. Below the question, it says "Amazing, above expectations!" and shows five yellow stars. Below the stars, there is a text input field with a red border and a placeholder text: "Tell us about your own personal experience taking this course. Was it a good match for you?". At the bottom right, there is a "Save and Continue" button.

Back X

Why did you leave this rating?

Amazing, above expectations!


★★★★★

Tell us about your own personal experience taking this course. Was it a good match for you?


Save and Continue

- Feedback



Bonus Content

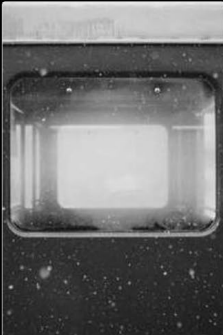
 Project List Topics Covered

Project List






TaskOPedia
Learn basic fundamentals of React by building a simple Page.






CountOPedia
Build a simple Game to Attack or Defence and get points.





ContactOPedia
Perform CRUD Operations on contact list in React



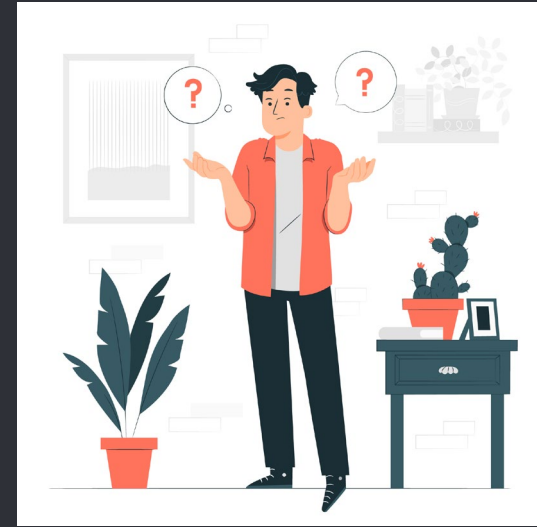
©Made with ❤ by DotNetMastery

My code doesn't work!



- Google it!
- Check Q&A Section
- POST a question (with Git branch)

Code works, but I am confused



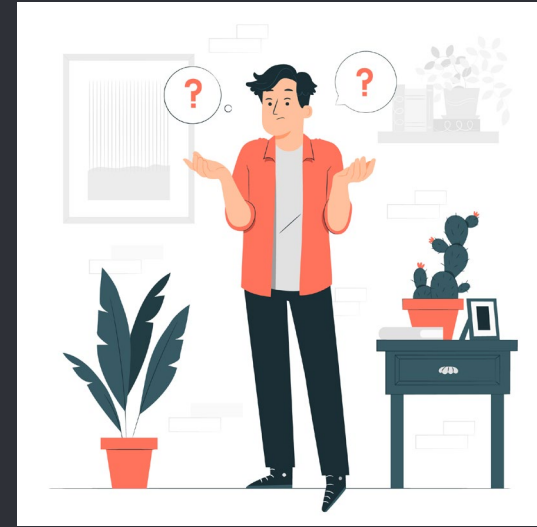
- Google it!
- Message me on udemy!

My code doesn't work!



- Google it!
- Check Q&A Section
- POST a question (with Git branch)

Code works, but I am confused



- Google it!
- Message me on udemy!

- Reviews

- Azure Deployment

- Project Resources

- JSX

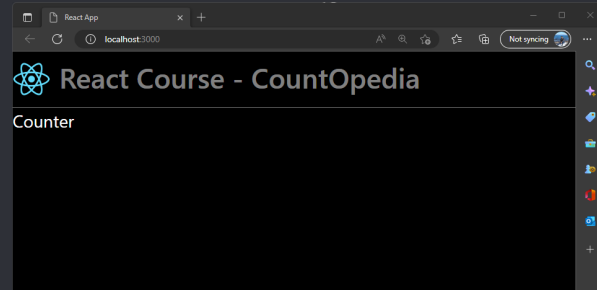
● What we will learn

1. React Fundamentals
2. TypeScript
3. Redux Toolkit & RTK Query
4. Routing in Redux
5. Axios
6. Stripe Payment in React
7. Authentication and Authorization in React
8. File Management in React

Assignment 7 – CountOPedia Setup



1. Remove all files other than index.html, index.js and react Image
2. Move react image to src/images folder. (Create images folder)
3. Clean index.js and index.html (Remove anything that is not used)
4. Add Bootstrap js/css CDN inside index.html
5. Create 2 components (Design to look as shown in image)
 - Header.jsx (Functional Component)
 - Counter.jsx (Class Component)
6. Copy the images provided in course snippet section 4 to the images folder



Class Component Lifecycle Methods



1. ComponentDidMount

- Runs after the component has been rendered to DOM

2. ComponentDidUpdate

- Runs after a component is updated.
- It is not executed when component is rendered for the first time.

3. ComponentWillUnmount

- Runs after a component is unmounted.
- Ideally used for cleanup operations