

Sigma Web Development Course - W... X

React Hook Form - performant, flexible... X

react-hook-form.com

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38,810

React Hook Form

Performant, flexible and extensible forms with easy-to-use validation.

Demo Get Started ►

App.jsx — my-react-app

```
src > App.jsx > App
import { useForm } from "react-hook-form";

let counter = 0;

function App() {
  const onSubmit = (d) =>
    alert(JSON.stringify(d));

  return (
    <form onSubmit={onSubmit}>
      <label>
        First Name:
        <input name="firstName" />
      </label>
      <label>
        Last Name:
        <input name="lastName" />
      </label>

      <p>Render: <span>{counter++}</span></p>
      <input type="submit" value="submit" />
    </form>
  );
}
```

0:00 / 0:30

First Name:

Last Name:

Render: 1

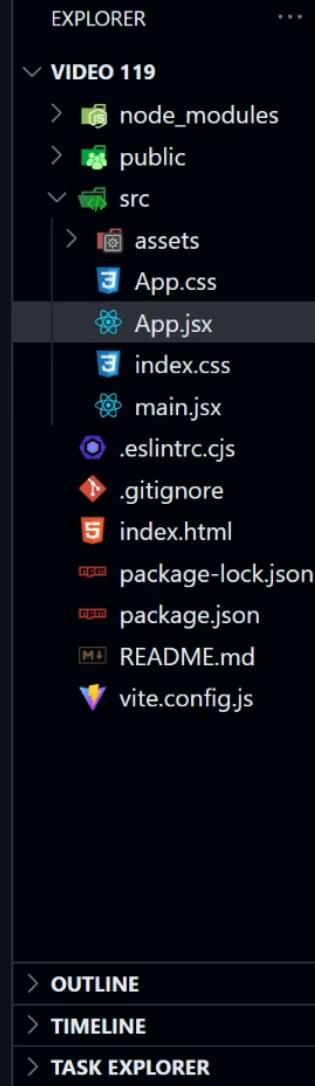
SUBMIT

26°C Haze

ENG IN

16:15

Subscribe



powershell X App.jsx

VITE v5.1.3 ready in 213 ms

→ Local: http://localhost:5173/
→ Network: use --host to expose
→ press h + enter to show help

Terminate batch job (Y/N)?

^C

● PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> npm install react-hook-form

added 1 package, and audited 275 packages in 1s

99 packages are looking for funding
run `npm fund` for details

found 0 vulnerabilities

○ PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119>



Sigma Web Development Course - W Get Started

react-hook-form.com/get-started

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Installing React Hook Form only takes a single command and you're ready to roll.

npm install react-hook-form

Example

The following code excerpt demonstrates a basic usage example:

TS

```
import { useForm } from "react-hook-form"

export default function App() {
  const {
    register,
    handleSubmit,
    watch,
    formState: { errors },
  } = useForm()

  const onSubmit = (data) => console.log(data)

  console.log(watch("example")) // watch input value by passing the name of it

  return (
    /* "handleSubmit" will validate your inputs before invoking "onSubmit" */
    <form onSubmit={handleSubmit(onSubmit)}>
      {/* register your input into the hook by invoking the "register" function */}
      <input defaultValue="test" {...register("example")} />

      {/* include validation with required or other standard HTML validation rules */}
      <input {...register("exampleRequired", { required: true })} />
      {/* errors will return when field validation fails */}
      {errors.exampleRequired && <span>This field is required</span>}

      <input type="submit" />
    </form>
  )
}
```

JS

COPY CODESANDBOX JS

React Web Video Tutorial

This video tutorial illustrates the basic usage and concepts of React Hook Form.

React Hook Form - Get Started

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EXPLORER ...

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- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
 - .eslintrc.cjs
 - .gitignore
 - index.html
 - package-lock.json
 - package.json
 - README.md
 - vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node App.jsx X

```
src > App.jsx > App > onSubmit
1 import { useState } from 'react'
2 import './App.css'
3 import { useForm } from "react-hook-form"
4
5
6
7 function App() {
8   const {
9     register,
10    handleSubmit,
11    watch,
12    formState: { errors },
13  } = useForm();
14
15  const onSubmit = (data) => console.log(data) ←
16
17  return (
18    <>
19      <div className="container">
20        <form action="" onSubmit={handleSubmit(onSubmit)}>
21          <input type="text" name="username" id="" />
22          <input type="password" name="password" id="" />
23          <input type="submit" value="Submit" />
24        </form>
25      </div>
26    </>
27  )
28 }
```



Ln 15, Col 47 Spaces: 2 UTF-8 L RSSI

EXPLORER ...

VIDEO 119

- > node_modules
- > public
- < src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
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- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node App.jsx X

```
function App() {
  const [
    register,
    handleSubmit,
    watch,
    formState: { errors },
  ] = useForm();

  const onSubmit = (data) => console.log(data)

  return (
    <>
      <div className="container">
        <form action="" onSubmit={handleSubmit(onSubmit)}>
          <input placeholder='username' {...register("username")} type="text" />
          <br />
          <input placeholder='password' {...register("password")} type="password"/>
          <br />
          <input type="submit" value="Submit" />
        </form>
      </div>
    </>
  )
}

export default App
```



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localhost:5173

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Console > 1 | 3 hidden | Filter Default levels ▾ | 1 Issue: 1

react-dom_client.js?v=c8a59dce:21534
Download the React DevTools for a better development experience: <https://reactjs.org/link/react-devtools>

App.jsx:15
▶ {username: 'harry', password: 'harry123'}

Submit

harry

.....

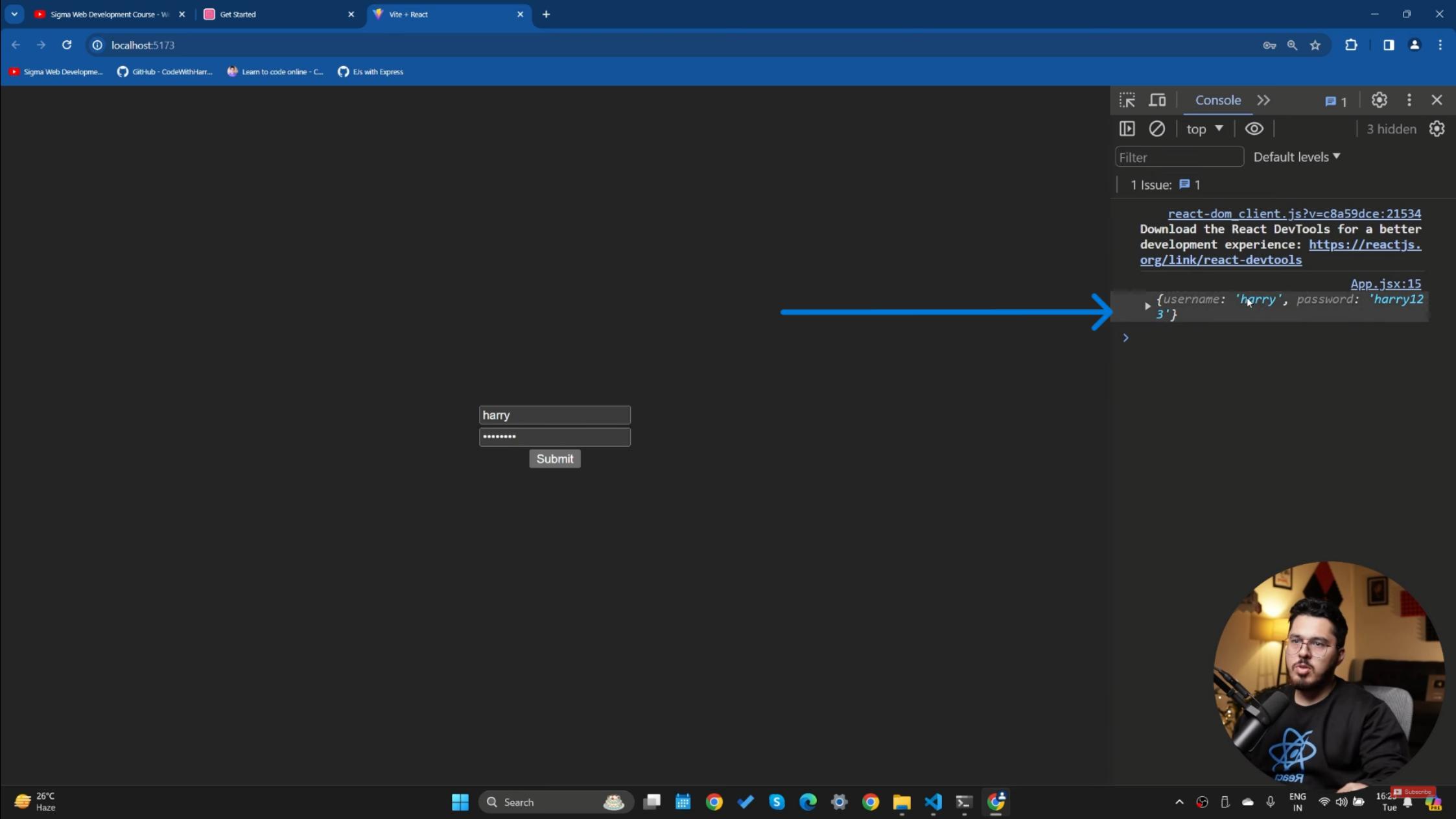
26°C Haze

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16:25 Subscr...

100% 100%



EXPLORER ...

VIDEO 119

- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
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- package.json
- README.md
- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node App.jsx X

```
function App() {
  const [
    register,
    handleSubmit,
    watch,
    formState: { errors },
  ] = useForm();

  const onSubmit = (data) => console.log(data)

  return (
    <>
      <div className="container">
        <form action="" onSubmit={handleSubmit(onSubmit)}>
          <input placeholder='username' {...register("username", { required: true, minLength: 3, maxLength: 8 })} type="text" />
          {errors.username && <div className='red'>There is some error in username</div>}
          <br />
          <input placeholder='password' {...register("password")}> type="password"/>
          <br />
          <input type="submit" value="Submit" />
        </form>
      </div>
    </>
  )
}

export default App
```

Ln 22, Col 50 Spaces: 2 UTF-8



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localhost:5173

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Console > 1 | 7 hidden | Filter Default levels ▾ 1 Issue: 1 react-dom_client.js?v=c8a59dce:21534 Download the React DevTools for a better development experience: <https://reactjs.org/link/react-devtools>

harrykjdsflkds

There is some error in username

password

Submit

←



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EXPLORER ...

VIDEO 119

- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node App.jsx X

```
function App() {
  const [
    register,
    handleSubmit,
    watch,
    formState: { errors },
  ] = useForm();

  const onSubmit = (data) => console.log(data)

  return (
    <>
      <div className="container">
        <form action="" onSubmit={handleSubmit(onSubmit)}>
          <input placeholder='username' {...register("username", { required: {value: true, message: "This field is required"}, minLength: {value: 3, message: "Min length is 3"}, maxLength: {value: 8, message: "Max length is 8"} })} type="text" />
          {errors.username && <div className='red'>{errors.username.message}</div>}
          <br />
          <input placeholder='password' {...register("password")}> type="password"/>
          <br />
          <input type="submit" value="Submit" />
        </form>
      </div>
    </>
  )
}
```



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Console > 1 | 3 hidden | Filter Default levels ▾ | 1 Issue: 1

react-dom_client.js?v=c8a59dce:21534
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1234444444

Max length is 8

password

Submit

A yellow arrow points from the error message "Max length is 8" to the input field containing "1234444444".



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16:48 Subscrib...

EXPLORER ...

VIDEO 119

- > node_modules
- > public
- < src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
 - .eslintrc.cjs
 - .gitignore
 - index.html
 - package-lock.json
 - package.json
 - README.md
 - vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node App.jsx X

```
src > App.jsx > App
10   | handleSubmit,
11   | watch,
12   | formState: { errors, isSubmitting },
13   | } = useForm();
14
15 const delay = (d)=>{
16   return new Promise((resolve, reject)=>{
17     setTimeout(() => {
18       resolve()
19     }, d * 1000);
20   })
21 }
22
23 const onSubmit = async (data) => {
24   await delay(2) // simulating network delay
25   console.log(data)
26 }
27
28 return (
29   <>
30     <div className="container">
31       <form action="" onSubmit={handleSubmit(onSubmit)}>
32         <input placeholder='username' {...register("username", { required: {value: true, message: "This field is required"}, minLength: {value: 3, message: "Min length is 3"}, maxLength: {value: 8, message: "Max length is 8"} })} type="text" />
33         {errors.username && <div className='red'>{errors.username.message}</div>}
34         <br />
35         <input placeholder='password' {...register("password")}> type="password"/>
```



EXPLORER ...

VIDEO 119

- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

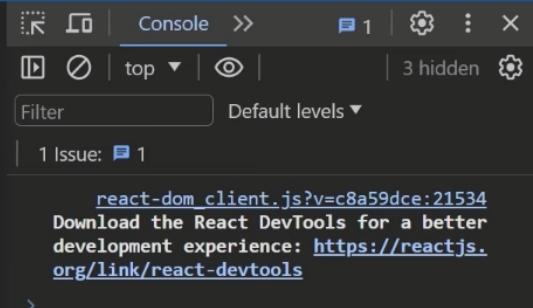
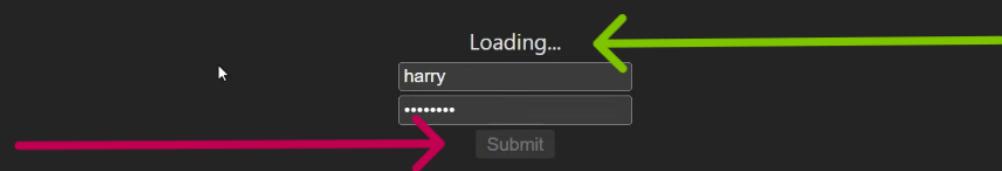
node App.jsx X

src > App.jsx > App > minLength > message

```
22
23     const onSubmit = async (data) => {
24         await delay(2) // simulating network delay
25         console.log(data)
26     }
27
28     return (
29         <>
30         {isSubmitting && <div>Loading...</div>}
31         <div className="container">
32             <form action="" onSubmit={handleSubmit(onSubmit)}>
33                 <input placeholder='username' {...register("username", { required: {value: true, message: "This field is required"}, minLength: {value: 3, message: "Min length is 3"}, maxLength: {value: 8, message: "Max length is 8"} })} type="text" />
34                 {errors.username && <div className='red'>{errors.username.message}</div>}
35                 <br />
36                 <input placeholder='password' {...register("password", {minLength: {value: 7, message: "Min length of password is 7"} })} type="password"/>
37                 {errors.password && <div className='red'>{errors.password.message}</div>}
38                 <br />
39                 <input disabled={isSubmitting} type="submit" value="Submit" />
40             </form>
41         </div>
42     </>
43 )
44 }
45
46 export default App
```

Ln 36, Col 123 Spaces: 2 UTF-8 L 26°C Mostly sunny





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localhost:5173

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Console > 1 | 3 hidden | Filter Default levels ▾ | 1 Issue: 1

react-dom_client.js?v=c8a59dce:21534
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App.jsx:25

▶ {username: 'harry', password: 'harry123'}

>

harry

.....

Submit



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Search

ENG IN

16:51 Tue

EXPLORER ...

VIDEO 119

- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node App.jsx X

```
src > App.jsx > App > onSubmit
13 } = useForm();
14
15 const delay = (d)=>{
16   return new Promise((resolve, reject)=>{
17     setTimeout(() => {
18       resolve()
19     }, d * 1000);
20   })
21 }
22
23 const onSubmit = async (data) => [
24   await delay(2) // simulating network delay
25   console.log(data)
26   if(data.username !== "shubham"){
27     setError("myform", {message: "Your form is not in good order because credentials are invalid"})
28   }
29   if(data.username === "rohan"){
30     setError("blocked", {message: "Sorry this user is blocked"})
31   }
32 ]
33
34 return (
35   <>
36   {isSubmitting && <div>Loading...</div>}
37   <div className="container">
38     <form action="" onSubmit={handleSubmit(onSubmit)}>
39       <input placeholder='username' {...register("username", { required: {value: true, message: "This field is required"}, minLength: {value: 3, message: "Min length is 3"}, maxLength: {value: 10, message: "Max length is 10"} })}>
```



EXPLORER ...

VIDEO 119

- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

node App.jsx X

```
35   <>
36   {isSubmitting && <div>Loading...</div>}
37   <div className="container">
38     <form action="" onSubmit={handleSubmit(onSubmit)}>
39       <input placeholder='username' {...register("username", { required: {value: true, message: "This field is required"}, minLength: {value: 3, message: "Min length is 3"}, maxLength: {value: 8, message: "Max length is 8"} })} type="text" />
40       {errors.username && <div className='red'>{errors.username.message}</div>}
41       <br />
42       <input placeholder='password' {...register("password", {minLength: {value: 7, message: "Min length of password is 7"},})} type="password"/>
43       {errors.password && <div className='red'>{errors.password.message}</div>}
44       <br />
45       <input disabled={isSubmitting} type="submit" value="Submit" />
46       {errors.myform && <div className='red'>{errors.myform.message}</div>}
47       {errors.blocked && <div className='red'>{errors.blocked.message}</div>}
48     </form>
49   </div>
50   </>
51 }
52 }
53
54 export default App
55
```



Sigma Web Development Course - W | Get Started | Vite + React | localhost:5173

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Console > 1 | 3 hidden | Filter Default levels ▾ | 1 Issue: 1

react-dom_client.js?v=c8a59dce:21534
Download the React DevTools for a better development experience: <https://reactjs.org/link/react-devtools>

App.jsx:25
▶ {username: 'rohan', password: 'rohandfsdfsfdsfdf'}

rohan
.....
Submit

Your form is not in good order because credentials are invalid
Sorry this user is blocked

←



22°C Mostly sunny | ENG IN | 16:53 | Tue

File Edit Selection View Go ... ← → ⌂ Video 119 ⌂ ⌂ ⌂ ⌂ - ⌂ x

EXPLORER ... node App.jsx node node X X D + ⌂ ...

VIDEO 119

backend

JS server.js ←

node_modules

public

src

assets

App.css

App.jsx

index.css

main.jsx

.eslintrc.cjs

.gitignore

index.html

package-lock.json

package.json

README.md

vite.config.js

at ModuleJob._instantiate (node:internal/modules/esm/module_job:132:21)
at async ModuleJob.run (node:internal/modules/esm/module_job:214:5)
at async ModuleLoader.import (node:internal/modules/esm/loader:329:24)
at async loadESM (node:internal/process/esm_loader:34:7)
at async handleMainPromise (node:internal/modules/run_main:113:12)
○
Node.js v20.10.0
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> node .\backend\server.js
Example app listening on port 3000
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> node .\backend\server.js
Example app listening on port 3000

JS server.js

backend > JS server.js > [o] app

```
1 import express from "express"
2 const app = express()
3 const port = 3000
4
5 app.get('/', (req, res) => {
6
7   res.send('Hello World!')
8 }
9
10 app.post('/', (req, res) => {
11   console.log(req.form)
12   res.send('Hello World!')
13 })
14
15 app.listen(port, () => {
16   console.log(`Example app listening on
port ${port}`)
17 })
```



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17:00 Subscrib

17:00 Tue

EXPLORER ... node node App.jsx X

VIDEO 119

backend

server.js

node_modules

public

src

assets

App.css

App.jsx

index.css

main.jsx

.eslintrc.cjs

.gitignore

index.html

package-lock.json

package.json

README.md

vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

```
src > App.jsx > App > [onSubmit]
13 } = useForm();
14
15 const delay = (d)=>{
16   return new Promise((resolve, reject)=>{
17     setTimeout(() => {
18       resolve()
19     }, d * 1000);
20   })
21 }
22
23 const onSubmit = async (data) => [
24   // await delay(2) // simulating network delay
25   let r = await fetch("http://localhost:3000/")
26   let res = await r.text()
27   console.log(data, res)
28   // if(data.username !== "shubham"){
29   //   setError("myForm", {message: "Your form is not in good order because credentials are invalid"})
29   // }
29   // if(data.username === "rohan"){
30   //   setError("blocked", {message: "Sorry this user is blocked"})
31   // }
32 ]
33
34
35
36 return (
37   <>
38   {isSubmitting && <div>Loading...</div>}
39   <div className="container">
```



Sigma Web Development Course - W | Get Started | Vite + React | Express "Hello World" example

localhost:5173

Elements Console Sources Network Performance

Default levels ▾ 2 Issues: 1 1 14 hidden

react-dom_client.js?v=c8a59dce:21534
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▶ {username: 'harry', password: 'harryharryharry'} App.jsx?t=1708428585691:38

✖ Access to fetch at '<http://localhost:3000/>' from origin '<http://localhost:5173>' localhost:1 has been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource. If an opaque response serves your needs, set the request's mode to 'no-cors' to fetch the resource with CORS disabled.

✖ ▶ GET <http://localhost:3000/> net::ERR_FAILED 200 (OK) App.jsx:25 ⓘ

✖ ▶ Uncaught (in promise) TypeError: Failed to fetch at onSubmit (App.jsx:25:19) at react-hook-form.js?v=6afc2ffb:1603:15 App.jsx:25 ⓘ

▶

harry
.....
Submit

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17:05

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EXPLORER

...

node

node

App.jsx

▷ + □ 🔒 ...

VIDEO 119

- backend
 - server.js
- node_modules
- public
- src
 - assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

```
at ModuleJob._instantiate (node:internal/modules/esm/module_job:132:21)
at async ModuleJob.run (node:internal/modules/esm/module_job:214:5)
at async ModuleLoader.import (node:internal/modules/esm/loader:329:24)
at async loadESM (node:internal/process/esm_loader:34:7)
at async handleMainPromise (node:internal/modules/run_main:113:12)
```

Node.js v20.10.0

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> node ./backend\server.js
Example app listening on port 3000
```

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
```

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
```

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> node ./backend\server.js
Example app listening on port 3000
```

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
```

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
```

```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> npm i cors
[#####] \ reify:cors: timing reifyNode:node_modules/@esbuild/aix-ppc64 Completed in 7ms
```



> OUTLINE

> TIMELINE

> TASK EXPLORER

0 0 0 0



22°C

Mostly sunny



Search





- Usage
 - Simple Usage
 - Enable CORS for a Single Route
 - Configuring CORS
 - Configuring CORS Asynchronously
 - Enabling CORS Pre-Flight
- Configuration Options
- Demo
- License
- Author

Installation

This is a [Node.js](#) module available through the [npm registry](#). Installation is done using the `npm install` command:

```
$ npm install core
```

Usage

Simple Usage (Enable All CORS Requests)

```
var express = require('express')
var cors = require('cors')
var app = express()

app.use(cors())

app.get('/products/:id', function (req, res, next) {
  res.json({msg: 'This is CORS-enabled for all origins!'})
})

app.listen(80, function () {
  console.log('CORS-enabled web server listening on port 80')
})
```



Version License
2.8.5 MIT

Unpacked Size Total Files
20 kB 6

Issues	Pull Requests
20	9

Last publish

5 years ago

Collaborators



>-Try on RunKit

Report malware

EXPLORER ...

VIDEO 119

backend

- JS server.js
- node_modules
- public

src

- assets
- App.css
- App.jsx
- index.css
- main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

backend > JS server.js > ...

```
1 import express from "express"
2 import cors from "cors" ←
3 const app = express()
4 const port = 3000
5
6 app.use(cors())
7
8 app.get('/', (req, res) => {
9   res.send('Hello World!')
10 }
11
12 app.post('/', (req, res) => {
13   console.log(req.body, req.form, req)
14   // console.log("Yes", req)
15   res.send('Hello World!')
16 }
17
18 app.listen(port, () => {
19   console.log(`Example app listening on port ${port}`)
20 })
```



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localhost:5173

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Elements Console Sources Network Performance > Default levels ▾ 2 Issues: 1 1 14 hidden

react-dom_client.js?v=c8a59dce:21534
Download the React DevTools for a better development experience: <https://reactjs.org/link/react-devtools>

▶ {username: 'harry', password: 'harryharryharry'} App.jsx?t=1708428585691:38

✖ Access to fetch at '<http://localhost:3000/>' from origin '<http://localhost:5173>' localhost:1 has been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource. If an opaque response serves your needs, set the request's mode to 'no-cors' to fetch the resource with CORS disabled.

✖ ▶ GET <http://localhost:3000/> net::ERR_FAILED 200 (OK) App.jsx:25 ⓘ

✖ ▶ Uncaught (in promise) TypeError: Failed to fetch at onSubmit (App.jsx:25:19) at <react-hook-form.js?v=6afc2ffb:1603:15> App.jsx:25 ⓘ

▶ {username: 'harry', password: 'harryharryharry'} 'Hello World!' App.jsx:27

>

harry

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Sigma Web Development Course - W | Get Started | Vite + React | Express "Hello World" example | cors - npm | Using the Fetch API - Web APIs | MDN

developer.mozilla.org/en-US/docs/Web/API/Fetch_API/Using_Fetch

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post 1/12 Filter

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English (US)

References > Web APIs > Fetch API > Using the Fetch API

The `fetch()` method can optionally accept a second parameter, an `init` object that allows you to control a number of different settings:

Fetch API

▼ Guides

- Using the Fetch API
- Fetch basic concepts
- Cross-global fetch usage

▼ Interfaces

- Headers
- Request
- Response

▼ Methods

- fetch()

See `fetch()` for the full options available, and more details.

JS

```
// Example POST method implementation:  
async function postData(url = "", data = {}) {  
    // Default options are marked with *  
    const response = await fetch(url, {  
        method: "POST", // *GET, POST, PUT, DELETE, etc.  
        mode: "cors", // no-cors, *cors, same-origin  
        cache: "no-cache", // *default, no-cache, reload, force-cache, only-if-cached  
        credentials: "same-origin", // include, *same-origin, omit  
        headers: {  
            "Content-Type": "application/json",  
            // 'Content-Type': 'application/x-www-form-urlencoded',  
        },  
        redirect: "follow", // manual, *follow, error  
        referrerPolicy: "no-referrer", // no-referrer, *no-referrer-when-downgrade, origin, origin-  
        when-cross-origin, same-origin, strict-origin, strict-origin-when-cross-origin, unsafe-url  
        body: JSON.stringify(data), // body data type must match "Content-Type" header  
    });  
    return response.json(); // parses JSON response into native JavaScript objects  
}  
  
postData("https://example.com/answer", { answer: 42 }).then((data) => {  
    console.log(data); // JSON data parsed by `data.json()` call  
});
```

Note that `mode: "no-cors"` only allows a limited set of headers in the request:

- Accept
- Accept-Language

In this article

Supplying request options

- Aborting a fetch
- Sending a request with credentials included
- Uploading JSON data
- Uploading a file
- Uploading multiple files
- Processing a text file line by line
- Checking that the fetch was successful
- Supplying your own request object
- Headers
- Response objects
- Body
- Feature detection
- Differences from `jQuery.ajax()`

See also



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EXPLORER ... node powershell App.jsx X JS server.js

src > App.jsx > App > onSubmit > r

```
4
5
6
7 function App() {
8     const [
9         register,
10        handleSubmit,
11        setError,
12        formState: { errors, isSubmitting },
13    } = useForm();
14
15    const delay = (d)=>{
16        return new Promise((resolve, reject)=>{
17            setTimeout(() => {
18                resolve()
19            }, d * 1000);
20        })
21    }
22
23    const onSubmit = async (data) => {
24        // await delay(2) // simulating network delay
25        let r = await fetch("http://localhost:3000/", [method: "POST", body: JSON.stringify(data)])
26        let res = await r.text()
27        console.log(data, res)
28        // if(data.username !== "shubham"){
29        //     setError("myform", {message: "Your form is not in good order because credentials invalid"})
30        // }
```





EXPLORER ... node node App.jsx X JS server.js X

VIDEO 119

backend
server.js
node_modules
public
src
assets
App.css
App.jsx
index.css
main.jsx
.eslintrc.cjs
.gitignore
index.html
package-lock.json
package.json
README.md
vite.config.js

src > App.jsx > App > onSubmit > r > headers

```
10  handleSubmit,
11  setError,
12  formState: { errors, isSubmitting },
13  } = useForm();
14
15  const delay = (d)=>{
16    return new Promise((resolve, reject)=>{
17      setTimeout(() => {
18        resolve()
19        }, d * 1000);
20    })
21  }
22
23  const onSubmit = async (data) => {
24    // await delay(2) // simulating network delay
25    let r = await fetch("http://localhost:3000/", {method: "POST", headers: [
26      "Content-Type": "application/json",
27      ], body: JSON.stringify(data)})
28    let res = await r.text()
29    console.log(data, res)
30    // if(data.username !== "shubham"){
31    //   setError("myform", {message: "Your form is not in good order because credentials are invalid"})
32    // }
33    // if(data.username === "rohan"){
34    //   setError("blocked", {message: "Sorry this user is blocked"})
35    // }
36 }
```



EXPLORER ...

VIDEO 119

backend

- JS server.js
- > node_modules
- > public
- src
 - assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
 - .eslintrc.cjs
 - .gitignore
 - index.html
 - package-lock.json
 - package.json
 - README.md
 - vite.config.js

backend > JS server.js > app.listen() callback

```
1 import express from "express"
2 import cors from "cors"
3 const app = express()
4 const port = 3000
5
6 app.use(cors())
7
8 app.get('/', (req, res) => {
9   res.send('Hello World!')
10 }
11
12 app.post('/', (req, res) => {
13   console.log(req.body)
14   res.send('Hello World!')
15 }
16
17 app.listen(port, () => [
18   console.log(`Example app listening on port ${port}`)
19 ])
```



EXPLORER ...

VIDEO 119

- backend
- server.js
- node_modules
- public
- src
 - assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
 - .eslintrc.cjs
 - .gitignore
 - index.html
 - package-lock.json
 - package.json
 - README.md
 - vite.config.js

node App.jsx server.js

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```
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> nodemon .\backend\server.js
[nodemon] 3.0.2
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node .\backend\server.js`
Example app listening on port 3000
```

New version of nodemon available!
Current Version: 3.0.2
Latest Version: 3.0.3



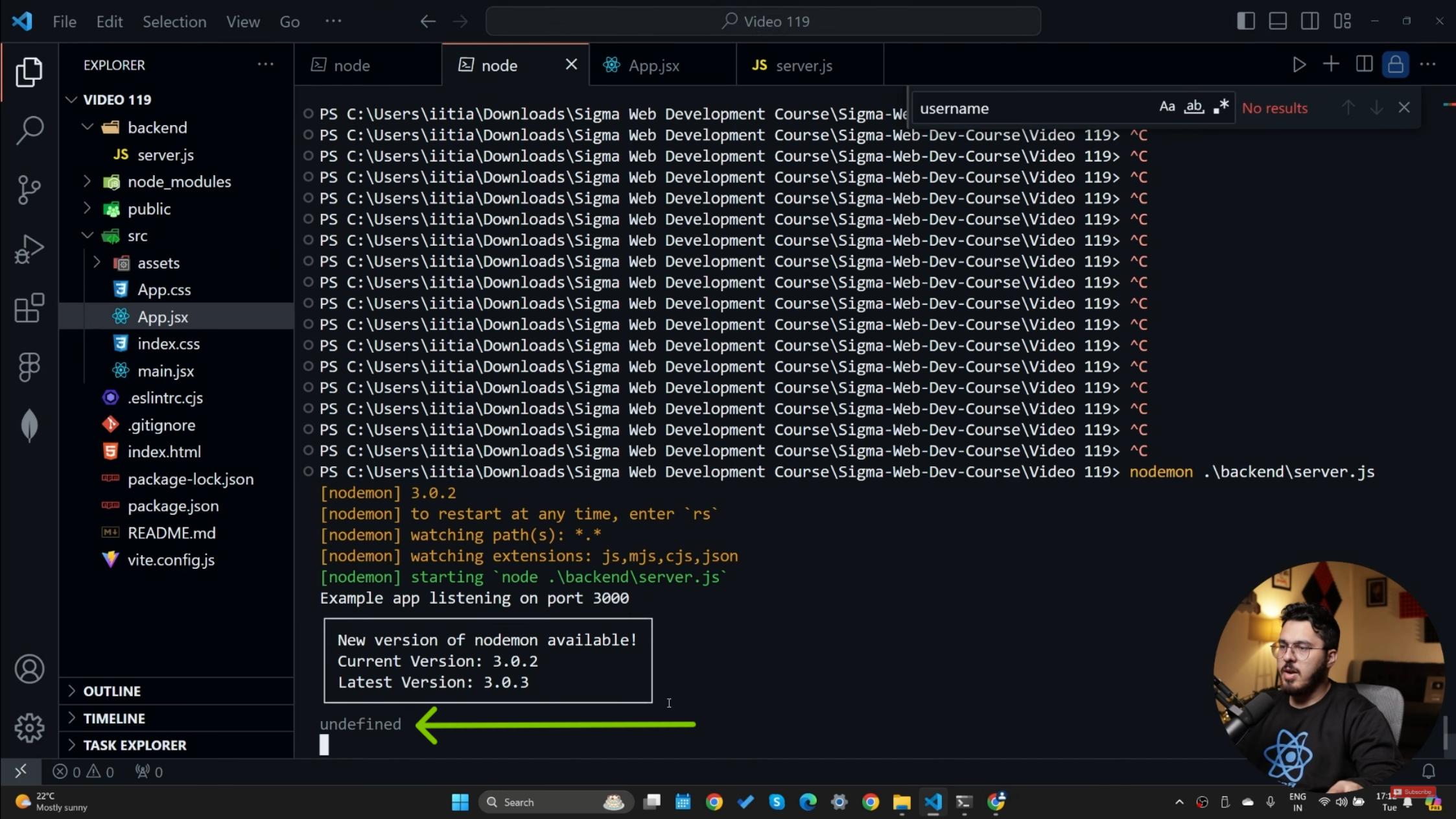
0 0 0 0

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EXPLORER ... node node X App.jsx JS server.js body Aa ab * 20 of 20 ↑ ↓ ×

VIDEO 119

backend

server.js

node_modules

public

src

assets

App.css

App.jsx

index.css

main.jsx

.eslintrc.cjs

.gitignore

index.html

package-lock.json

package.json

README.md

vite.config.js

'content-type': 'application/json',
accept: '*/*',
origin: 'http://localhost:5173',
'sec-fetch-site': 'same-site',
'sec-fetch-mode': 'cors',
'sec-fetch-dest': 'empty',
referer: 'http://localhost:5173/',
'accept-encoding': 'gzip, deflate, br',
'accept-language': 'en-US,en;q=0.9'
},
[Symbol(kHeadersCount)]: 32,
[Symbol(kTrailers)]: null,
[Symbol(kTrailersCount)]: 0
}
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> ^C
● PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> npm i body-parser
added 2 packages, changed 2 packages, and audited 333 packages in 886ms
101 packages are looking for funding
run `npm fund` for details
found 0 vulnerabilities
PS C:\Users\iitia\Downloads\Sigma Web Development Course\Sigma-Web-Dev-Course\Video 119> nodemon .\backend
[nodemon] 3.0.2
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node .\backend\server.js`
Example app listening on port 3000

body

Aa ab * 20 of 20 ↑ ↓ ×

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Tue



This error will occur when the request had a `Content-Encoding` header that contained an unsupported encoding. The encoding is contained in the message as well as in the `encoding` property. The `status` property is set to `415`, the `type` property is set to `'encoding.unsupported'`, and the `encoding` property is set to the encoding that is unsupported.

Examples

Express/Connect top-level generic

This example demonstrates adding a generic JSON and URL-encoded parser as a top-level middleware, which will parse the bodies of all incoming requests. This is the simplest setup.

```
var express = require('express')
var bodyParser = require('body-parser')

var app = express()

// parse application/x-www-form-urlencoded
app.use(bodyParser.urlencoded({ extended: false }))

// parse application/json
app.use(bodyParser.json())

app.use(function (req, res) {
  res.setHeader('Content-Type', 'text/plain')
  res.write('you posted:\n')
  res.end(JSON.stringify(req.body, null, 2))
})
```

Express route-specific

This example demonstrates adding body parsers specifically to the routes that need them. In general, this is the most recommended way to use body-parser with Express.

```
var express = require('express')
var bodyParser = require('body-parser')
```



EXPLORER ...

VIDEO 119

backend

- JS server.js
- node_modules
- public
- src
 - assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
 - .eslintrc.cjs
 - .gitignore
 - index.html
 - package-lock.json
 - package.json
 - README.md
 - vite.config.js

node node App.jsx × JS server.js ×

backend > JS server.js > ...

```
1 import express from "express"
2 import cors from "cors"
3 import bodyParser from "body-parser" ←
4 const app = express()
5 const port = 3000
6
7 app.use(cors())
8 app.use(bodyParser.json())
9
10 app.get('/', (req, res) => {
11   res.send('Hello World!')
12 }
13
14 app.post('/', (req, res) => {
15   console.log(req)
16   res.send('Hello World!')
17 }
18
19 app.listen(port, () => {
20   console.log(`Example app listening on port ${port}`)
21 })
```



EXPLORER ...

VIDEO 119

- backend
- JS server.js
- > node_modules
- > public
- src
 - assets
 - App.css
 - App.jsx
 - index.css
 - main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

node node App.jsx X JS server.js X

backend > JS server.js > app.post('/').callback

```
1 import express from "express"
2 import cors from "cors"
3 import bodyParser from "body-parser"
4 const app = express()
5 const port = 3000
6
7 app.use(cors())
8 app.use(bodyParser.json())
9
10 app.get('/', (req, res) => {
11   res.send('Hello World!')
12 })
13
14 app.post('/', (req, res) => {
15   console.log(req.body)
16   res.send('Hello World!')
17 })
18
19 app.listen(port, () => {
20   console.log(`Example app listening on port ${port}`)
21 })
```



localhost:5173



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harry2

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EXPLORER ... node node App.jsx JS server.js

VVIDEO 119 backend JS server.js node_modules public src assets App.css App.jsx index.css main.jsx .eslintrc.cjs .gitignore index.html package-lock.json package.json README.md vite.config.js

route: Route { path: '/', stack: [[Layer]], methods: { post: [Symbol(kCapture)]: false, [Symbol(kHeaders)]: { host: 'localhost:3000', connection: 'keep-alive', 'content-length': '49', 'sec-ch-ua': '"Not A(Brand";v="99", "Google Chrome";v="121", "Chromium";v="121"', 'sec-ch-ua-platform': '"Windows"', 'sec-ch-ua-mobile': '?0', 'user-agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/121.0.0.0 Safari/537.36', 'content-type': 'application/json', accept: '*/*', origin: 'http://localhost:5173', 'sec-fetch-site': 'same-site', 'sec-fetch-mode': 'cors', 'sec-fetch-dest': 'empty', referer: 'http://localhost:5173/', 'accept-encoding': 'gzip, deflate, br', 'accept-language': 'en-US,en;q=0.9' }, [Symbol(kHeadersCount)]: 32, [Symbol(kTrailers)]: null, [Symbol(kTrailersCount)]: 0 } }

[nodemon] restarting due to changes...
[nodemon] starting `node ./backend\server.js`
Example app listening on port 3000
{ username: 'harry', password: 'harryharryharry' }
{ username: 'harry2', password: 'harryharryharry' }

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username