

Make 404 Page in Node.js Page not found

Node JS Tutorial in Hindi #28 Make 404 Page in Node.js | Page not found



What is a 404 Page?

A **404 page** means "**Page Not Found**". This shows up when a user tries to visit a page on your website that doesn't actually exist.

Why is 404 Page Important?

Without a 404 page:

User sees a blank or error page.

They may think your website is broken or not working.

With a 404 page:

You can show a friendly message.

Tell the user that the website is fine, but the page they requested doesn't exist.

Make a File for 404 Page

Create a new HTML file named `404.html` inside the `view` folder.

You can use ChatGPT to generate a beautiful and simple 404 HTML template.

Use Function for 404 Page in Express

Express provides a special function `app.use()` — it's a **multi-purpose middleware** and is also used to handle 404 errors.

```
app.use((req, resp) => {
  const absPath = path.resolve("view/404.html");
  resp.status(404).sendFile(absPath);
});
```

Improvement: Make Common Absolute Path

To avoid repeating `path.resolve()` again and again, create a **common absolute path** for the whole folder (not individual files):'

```
const absPath = path.resolve("view");
```

Then use it like this:

```
app.use((req, resp) => {
  resp.status(404).sendFile(absPath + "/404.html");
});
```

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