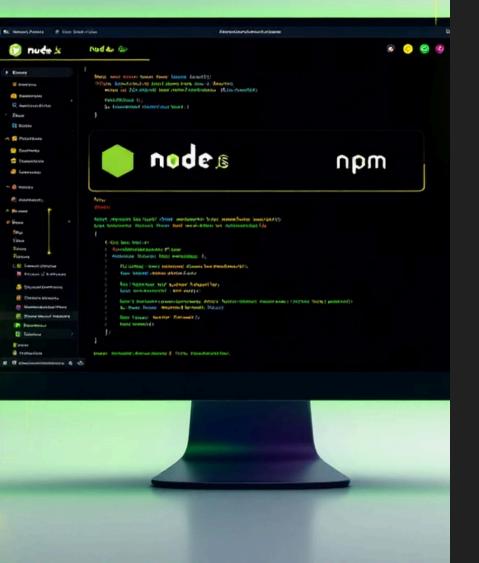


Render is a powerful cloud platform that allows developers to easily deploy web applications. In this guide, you'll learn how to host a Node.js web server on Render step by step.



Prerequisites

Antes de começar, certifique-se de que você tem:

1

Installed Tools

Node.js and npm installed on your machine

2

Necessary Accounts

A GitHub account

A Render account – https://render.com/

Create a GitHub Repository

Push your existing Node.js project to GitHub:



```
git init
git add .
git commit -m "Initial commit"
git branch -M main
git remote add origin https://github.com/YOUR-USERNAME/my-website.git
git push -u origin main
```

Replace YOUR-USERNAME with your actual GitHub username.

Why use GitHub?

GitHub makes version control easy and integrates with hosting services like Render, allowing for automatic deployments whenever you update your code.

Implementation in Render

Access your account

Log in to your Render account

Connect to GitHub

Connect your GitHub repository

Start a new service

Click "New Web Service"

Select the repository

Select the my-website-app repository

Service Settings

Build Command	npm install
Start Command	node index.js

Click on "Create Web Service"

Render will now build and deploy your app. After a few moments, your app will be available at a public URL.

Conclusion

You've successfully deployed a Node.js server using Render — fast, simple, and free!

This setup is perfect for personal projects, MVPs, and portfolios. Now you can share your live website with anyone in the world.

Benefits of Render

- Simplified deployment
- Continuous Integration with GitHub
- Free plan for small projects
- Scalability as needed

