

Steps for uploading your app to render

Frontend Setup

vite.config.js

```
frontend > vite.config.js > ...  
import { defineConfig } from 'vite'  
import react from '@vitejs/plugin-react'  
  
// https://vitejs.dev/config/  
export default defineConfig({  
  plugins: [react()],  
  //TODO: add this code  
  build: {  
    outDir: '../backend/public',  
    emptyOutDir: true  
  }  
})
```

CODE:

```
build: {  
  outDir: '../backend/public',  
  emptyOutDir: true  
}
```

Backend Setup :

server.js

In the end of the file add the following code:

```
// const port = 3030  
//TODO: add this line  
const port = process.env.PORT || 3030  
app.listen(port, () => {  
  loggerService.info(`Server listening on port http://127.0.0.1:\${port}/`)  
})
```

CODE:

```
const port = process.env.PORT || 3030
```

Steps before upload:

1. In the frontend, run the following command : `npm run build`

This command will generate a build and place it within the backend directory, specifically in a "public" folder.

2. in the backend terminal run :

`git init` // only if we didn't run it before*

`git add .`

`git commit -m "init"`

3. create a github repo for the proj and upload the backend

☒ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: **None** ▼

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

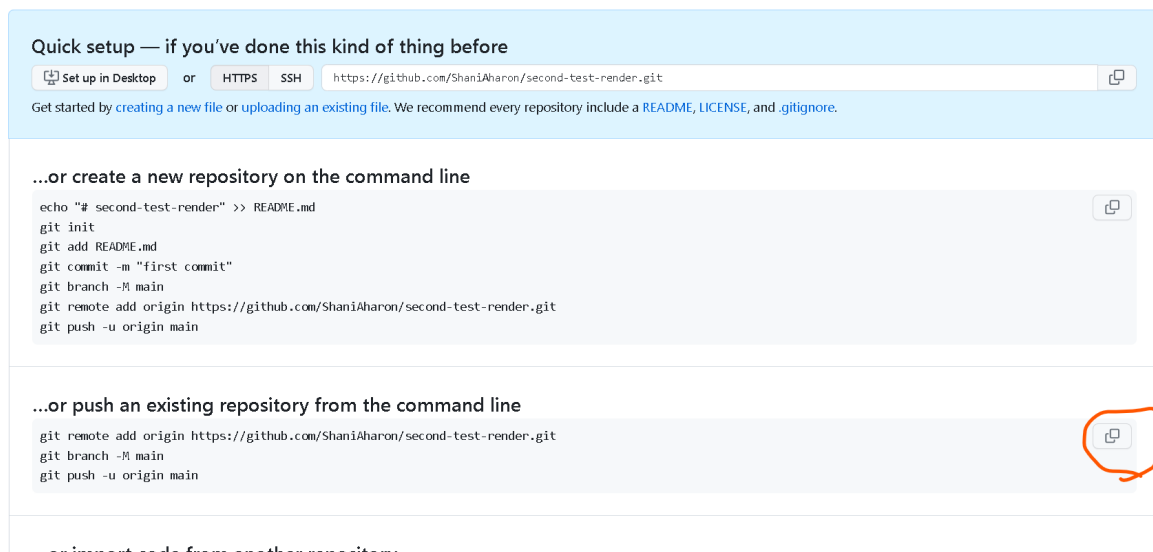
License: **None** ▼

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

You are creating a public repository in your personal account.

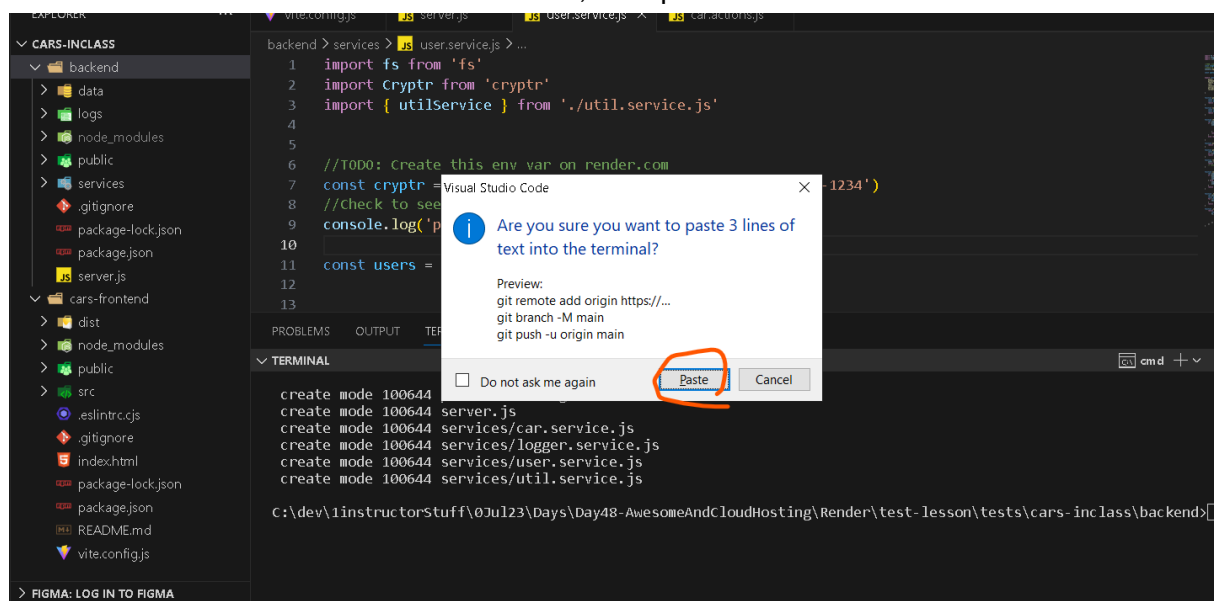
Create repository

Then copy this 3 lines :







git remote add origin https://github.com/ShaniAharon/first-test-render.git : example*
git branch -M main
git push -u origin main




Paste them into the terminal of the backend , then press enter




You can refresh the github repo and see all the files


second-test-render
Public

 Pin
  Unwatch
 1


 main
  1 branch
  0 tags

[Go to file](#)
[Add file](#)
[Code](#)


ShaniAharon init
 75ae066 4 minutes ago
1 commit

| | | |
|-------------------|------|---------------|
| data | init | 4 minutes ago |
| logs | init | 4 minutes ago |
| public | init | 4 minutes ago |
| services | init | 4 minutes ago |
| .gitignore | init | 4 minutes ago |
| package-lock.json | init | 4 minutes ago |
| package.json | init | 4 minutes ago |
| server.js | init | 4 minutes ago |

Help people interested in this repository understand your project by adding a README.

[Add a README](#)

About

No description provided.

Activity

0 stars

1 watch

0 forks

Release

No releases


[Create a new release](#)

Packages

No packages

[Publish your package](#)


4. Go to Render.com, create an account, and connect your GitHub repository to Render.


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The fastest way to host all your APIs. |

Render is a unified cloud to build and run all your apps and websites with free TLS certificates, a global CDN, DDoS protection, private networks, and auto deploys from Git.

[GET STARTED FOR FREE](#)
[CONTACT SALES](#)



Sign up for Render



GitHub



GitLab



Google

OR

Email

your@email.com

Password

correct horse battery staple



Email me about Render product updates

COMPLETE SIGN UP

By signing up you agree to our [terms of service](#).

Already have an account?

[Sign in](#)

Please follow these steps to create a web service:

render

Dashboard

Blueprints


Env Groups

Docs

Community

Help

New +

Shani Aharon











Overview

Q Search services

Active 5

Suspended 0

All 5

| NAME | STATUS | TYPE | RUNTIME | REGION | LAST DEPLOYED ↓ | |
|--|--|-------------|---------|-----------|-----------------|-----|
|  hi-test-first-cars |  Deployed | Web Service | Node | Frankfurt | 3 hours ago | ... |
|  render-vite-test |  Deployed | Web Service | Node | Frankfurt | 21 hours ago | ... |
|  toy-test-render |  Deployed | Web Service | Node | Frankfurt | 8 days ago | ... |
|  just-speak |  Deployed | Static Site | Static | Global | 8 months ago | ... |
|  trystuff12 |  Deployed | Web Service | Node | Oregon | a year ago | ... |


iv Groups


Docs

Community

Help


New +


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Web Service


Web services are kept up and running at all times, with native SSL and HTTP/2 support. Add a persistent disk or custom domain. Scale up and down with ease. [Learn more.](#)


 Static Site


 **Web Service**


 Private Service

 Background Worker


 Cron Job


 PostgreSQL

 Redis

 Blueprint

STATUS

 Deployed

 Deployed

Web Service

Node

Frankfurt

LAST DEPLOYED ↓


21 hours ago

8 days ago


Create a new Web Service

Connect your Git repository or use an existing public repository URL.


Connect a repository

 ShaniAharon / first-test-render • 3 hours ago


Connect

 ShaniAharon / test-vite-render • 21 hours ago


Connect

 ShaniAharon / render-test-for-class • 5 days ago

Connect

 ShaniAharon / render-test • 8 days ago

Connect

 ShaniAharon / justSpeak • 8 months ago

Connect

GitHub

@ShaniAharon • 8 repos


 [Configure account](#)

GitLab

+ [Connect account](#)



Confirm access

 Signed in as @ShaniAharon

Password

[Forgot password?](#)

Confirm

Tip: You are entering [sudo mode](#). After you've performed a sudo-protected action, you'll only be asked to re-authenticate again after a few hours of inactivity.

Pick the github repo you created

hooks, and workflows

Repository access

☐ All repositories

This applies to all current *and* future repositories owned by the resource owner.
Also includes public repositories (read-only).

☒ Only select repositories

Select at least one repository.
Also includes public repositories (read-only).

Select repositories ▾

ren

☒ ShaniAharon/second-test-render
no description

☐ ShaniAharon/backend-test

×

☐ ShaniAharon/speak

×

Save

Cancel

Also includes public repositories (read-only).

Select repositories ▾

Selected 9 repositories.

☒ ShaniAharon/second-test-render

×

☒ ShaniAharon/justSpeak

×

☒ ShaniAharon/backend-chat-test

×

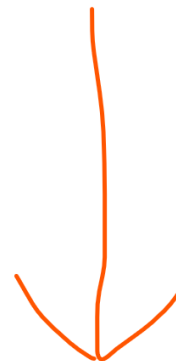
☒ ShaniAharon/backend-test

×

Save

Cancel

Scroll




After saving, you will be redirected back to the Render site. Connect your repository.


Create a new Web Service

Connect your Git repository or use an existing public repository URL.

Connect a repository

 ShaniAharon / second-test-render • 15 minutes ago

Connect

 ShaniAharon / first-test-render • 3 hours ago

Connect

In the "Region" section, choose the location closest to you, such as Frankfurt.

You are deploying a web service for [ShaniAharon/second-test-render](#).

You seem to be using **Node**, so we've autofilled some fields accordingly. Make sure the values look right to you!

Name

A unique name for your web service.

my-proj-name-for-render

Region

The [region](#) where your web service runs. Services must be in the same region to communicate privately and you currently have services running in **Frankfurt** and **Oregon**.

Frankfurt (EU Central)

Branch

The repository branch used for your web service.

main

Root Directory Optional

Defaults to repository root. When you specify a [root directory](#) that is different from your repository root, Render runs all your commands in the [specified directory](#) and ignores changes outside the directory.

e.g. src

Fill in -> Build Command : **npm i** , Start Command: **npm start**

Runtime

The runtime for your web service.

Node

Build Command

This command runs in the root directory of your repository when a new version of your code is pushed, or when you deploy manually. It is typically a script that installs libraries, runs migrations, or compiles resources needed by your app.

\$ npm i

Start Command

This command runs in the root directory of your app and is responsible for starting its processes. It is typically used to start a webserver for your app. It can access environment variables defined by you in Render.

\$ npm start

scroll

Please [enter your payment information](#) to select an instance type with higher limits.

Instance Type

RAM

CPU

Price

You can also add environment variables if needed.

Need a [custom instance type](#)? We support up to 512 GB RAM and 64 CPUs.



Unlike paid services, free services scale down when inactive. [Learn more about free instance type limits.](#)

Advanced

Create Web Service

Use environment variables to store API keys and other configuration values and secrets. You can access them in your code like regular environment variables with `os.getenv()` in Python or `process.env` in Node.

Add Environment Variable

You can store secret files (like `.env` or `.npmrc` files and private keys) in Render. These files can be accessed during builds and in your code just like regular files.

Secret files are available to read at the root of your repo (or Docker context). They are also available to load by absolute path at `/etc/secrets/<filename>`.

Use environment variables to store API keys and other configuration values and secrets. You can access them in your code like regular environment variables, for example with `os.getenv()` in Python or `process.env` in Node.

SECRET

mysecrethelloo

Add Environment Variable

Create Web Service

secrets ↓

WEB SERVICE

my-proj-name-for-render Node Free

ShaniAharon / second-test-render main

<https://my-proj-name-for-render.onrender.com>

Connect Manual Deploy

wait for the Magic

Events

Logs

Diska

Environment

Shell

Previews

Jobs

Metrics

Scaling

Free instance types will spin down with inactivity. Upgrade to a paid instance type to prevent this behavior. Learn more.

September 20, 2023 at 2:41 PM Building

Cancel deploy

75ae066 init

Search logs Search Maximize Scroll to top

```

Sep 20 02:41:49 PM ==> Cloning from https://github.com/ShaniAharon/second-test-render...
Sep 20 02:41:50 PM ==> Checking out commit 75ae066407f927f84460e30eea61e37fe33096a2 in branch main
Sep 20 02:41:52 PM ==> Using Node version 14.17.0 (default)
Sep 20 02:41:52 PM ==> Docs on specifying a Node version: https://render.com/docs/node-version
Sep 20 02:41:52 PM ==> Running build command 'npm i'...

```

WEB SERVICE

my-proj-name-for-render Node Free

ShaniAharon / second-test-render main

<https://my-proj-name-for-render.onrender.com>

Connect Manual Deploy

Send to prod

Events

Logs

Diska

Environment

Shell

Previews

Free instance types will spin down with inactivity. Upgrade to a paid instance type to prevent this behavior. Learn more.

✓ Deploy live for 75ae066: init

September 20, 2023 at 2:42 PM

First deploy started for 75ae066: init

September 20, 2023 at 2:41 PM

Updating your app after changes

Note: after changes in the **frontend** , run -> npm run build . (in the frontend terminal)

Then go to the backend terminal

Enter the commands : git add . -> git commit -m "your comment" -> git push

If we change only the backend we can just do

git add . -> git commit -m "your comment" -> git push

After pushing changes from the backend, it will automatically update on Render.