



# Deployment of angular application in the cloud

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# Step 1:

יצירת קובץ חדש בשם render.yaml בתיקיית השורש.

שם לפרויקט

```
services:
  - type: web
    name: CollegeManagment
    env: node
    plan: free
    buildCommand: npm install && npm run build:staging
    startCommand: npx serve -s dist/CollegeManagment
    envVars:
      - key: NODE_ENV
        value: production
```



## Step 2:

בקובץ package.json מוסיפים כמה דברים ל"scripts"

```
"scripts": {  
  "ng": "ng",  
  "start": "ng serve -o",  
  "build": "ng build --prod",  
  "build:staging": "ng build --configuration=staging",  
  "watch": "ng build --watch --configuration development",  
  "test": "ng test",  
  "prebuild": "npm install",  
  "prebuild:staging": "npm install"  
},  
  OraToledano, last week • init project
```

## Step 3:

בקובץ angular.json מוסיפים תחת הניתוב  
projects.CollegeManagment.architect.build.configurations

```
"staging": {  
  "fileReplacements": [  
    {  
      "replace": "src/environments/environment.ts",  
      "with": "src/environments/environment.staging.ts"  
    }  
  ],  
  You, 22 hours ago • Ready to deploy 6
```

ותחת הניתוב  
projects.CollegeManagment.architect.serve.configurations

```
"staging": {  
  "fileReplacements": [  
    {  
      "replace": "src/environments/environment.ts",  
      "with": "src/environments/environment.staging.ts"  
    }  
  ],  
  You, 22 hours ago • Ready to deploy 6
```

שם הפרויקט

## Step 4:

הוספת קובץ environment.staging.ts לתוך תיקיית environments  
שבתוך תיקיית src

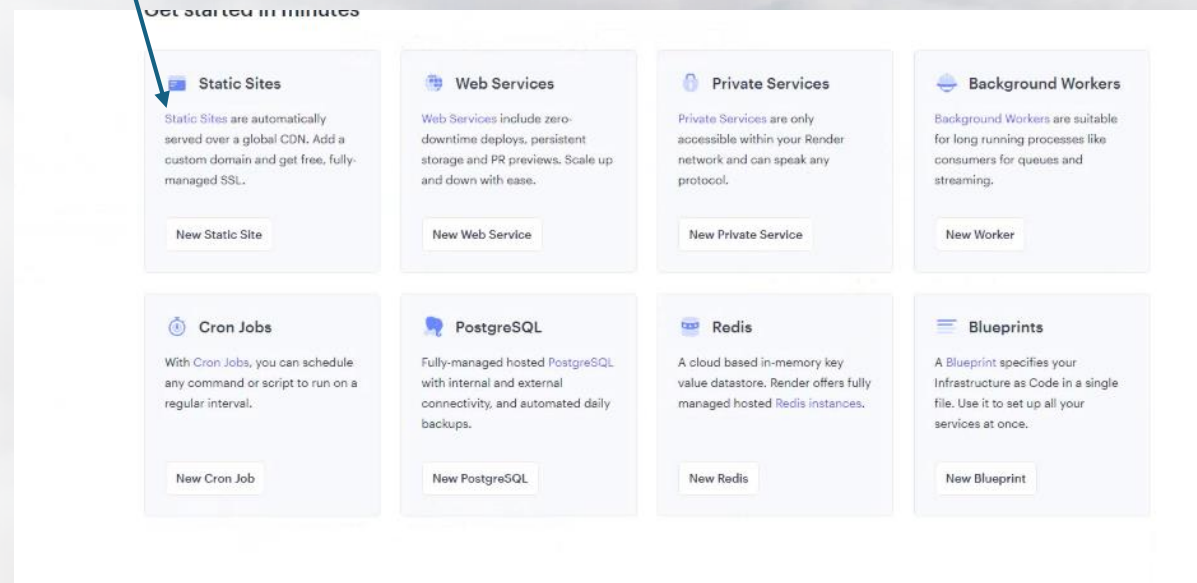
```
1  export const environment = {  
2    production: false,  
3    apiUrl: 'http://staging.example.com'  
4  },  
5
```

You, 22 hours ago • Ready to deploy 7

חשוב ששם המשתנה ששומר  
את ה URL יהיה זהה לשם  
המשתנה ששומר את ה URL  
בקובץ environment.ts

# Step 5:

נכנסים לאתר של RENDER ומתחברים דרך GITHUB  
ובוחרים פרויקט מסוג static site



# Step 6:

בוחרים את ה branch אותו רוצים  
להעלות

תיקיית השורש של הפרויקט

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

**Name**

A unique name for your static site.

old-seminar-2-front

**Branch**

The Git branch to build and deploy.

main

**Root Directory** Optional

If set, Render runs commands from this directory instead of the repository root. Additionally, code changes outside of this directory do not trigger an auto-deploy. Most commonly used with a [monorepo](#).

CollageManagment

# Step 7:

אלו הפקודות שרצות כשהפרויקט  
נבנה

Next, Render runs commands from this directory instead of the repository root. Additionally, code changes outside of this directory do not trigger an auto-deploy. Most commonly used with a [monorepo](#).

## Build Command

Render runs this command to build your app before each deploy.

```
CollageManagment/ $ npm install && npm run build:staging
```

## Publish directory

The relative path of the directory containing built assets to publish. Examples: `./`, `./build`, `dist` and `frontend/build`.

```
CollageManagment/ dist/CollageManagment
```

dist/ “project name”



# Step 8:

לוחצים על הכפתור add form.env  
ומוסיפים את :

services:

- type: web
- name: angular-app
- envVars:
  - key: NODE\_ENV
  - value: production

## Environment Variables

Set environment-specific config and secrets (such as API keys), then read those values from your code. [Learn more](#).

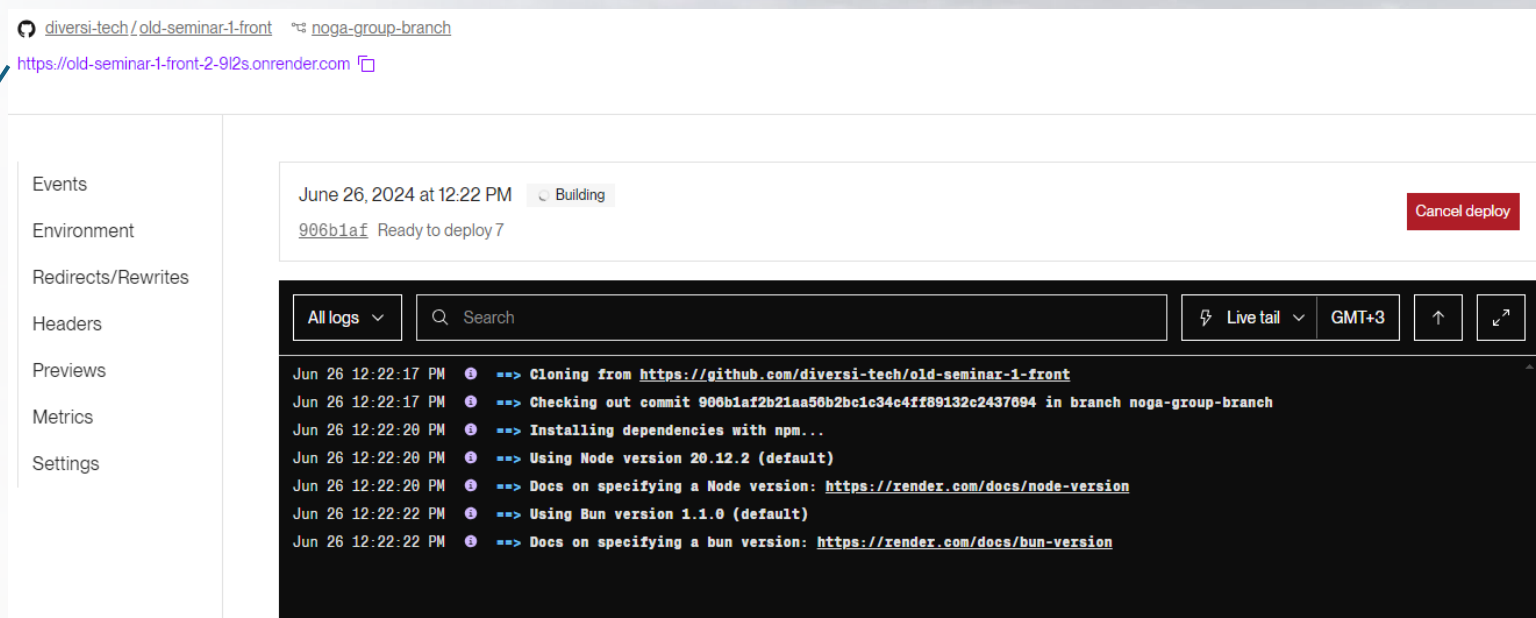
+ Add Environment Variable

Add from .env

# Step 9:

לוחצים על הכפתור  
ומחכים שהאפליקציה תבנה ותעלה לענן

קישור לאתר שלך!!



The screenshot shows the Render dashboard for a project named 'diversi-tech / old-seminar-1-front'. The deployment is in progress, with a status of 'Building'. The deployment ID is '906b1af' and it is 'Ready to deploy 7'. A 'Cancel deploy' button is visible. The left sidebar contains links to 'Events', 'Environment', 'Redirects/Rewrites', 'Headers', 'Previews', 'Metrics', and 'Settings'. The main area displays a log of the deployment process, including cloning from GitHub, checking out the commit, installing dependencies with npm, and using Node version 20.12.2 (default). The log also includes links to documentation for specifying Node and Bun versions.

diversi-tech / old-seminar-1-front noga-group-branch

<https://old-seminar-1-front-2-9l2s.onrender.com>

Events

Environment

Redirects/Rewrites

Headers

Previews

Metrics

Settings

June 26, 2024 at 12:22 PM Building

906b1af Ready to deploy 7 Cancel deploy

All logs Search Live tail GMT+3

Jun 26 12:22:17 PM --> Cloning from <https://github.com/diversi-tech/old-seminar-1-front>

Jun 26 12:22:17 PM --> Checking out commit 906b1af2b21aa50b2bc1c34c4ff89132c2437094 in branch noga-group-branch

Jun 26 12:22:20 PM --> Installing dependencies with npm...

Jun 26 12:22:20 PM --> Using Node version 20.12.2 (default)

Jun 26 12:22:20 PM --> Docs on specifying a Node version: <https://render.com/docs/node-version>

Jun 26 12:22:22 PM --> Using Bun version 1.1.0 (default)

Jun 26 12:22:22 PM --> Docs on specifying a bun version: <https://render.com/docs/bun-version>