## **✅ Simple Steps to Host Your App Free on Render**

### **🛠️ Step 1: Project Ready Karo**

Make sure aapka folder structure kuch aise ho:

php

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image-resizer/

├── public/ ← HTML/CSS/JS files (already hai)

├── uploads/ ← (empty folder)

├── resized/ ← (empty folder)

├── server.js ← (backend code you got from me)

├── package.json ← (Node.js project file)

#### **🧾 Sample package.json (agar nahi banaya to):**

json

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{

"name": "image-resizer",

"version": "1.0.0",

"main": "server.js",

"scripts": {

"start": "node server.js"

},

"dependencies": {

"express": "^4.18.2",

"multer": "^1.4.5",

"sharp": "^0.32.1"

}

}

✅ Command to install packages locally:

bash

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npm install express multer sharp

### **🧭 Step 2: Code ko GitHub pe Upload Karo**

1. GitHub par ek **naya repository** banao (image-resizer naam se).
2. Apne project folder me yeh commands run karo:

bash

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git init

git add .

git commit -m "Initial commit"

git branch -M main

git remote add origin https://github.com/your-username/image-resizer.git

git push -u origin main

### **🌐 Step 3: Render Par Host Karo (FREE)**

1. Jaao<https://render.com>
2. GitHub se login karo
3. Click on **"New Web Service"**
4. Select **your GitHub repo (image-resizer)**
5. Fill form:  
   * **Name:** image-resizer
   * **Environment:** Node
   * **Build Command:** *(leave blank)*
   * **Start Command:** node server.js
   * **Region:** Select your region
   * **Port:** Render automatically detects 3000
6. Click **"Create Web Service"**

⏳ 2-3 minutes ke baad aapka app **Live ho jayega**!

### **✅ Final Result:**

Render aapko ek link dega, jaise:

arduino

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https://image-resizer.onrender.com

Ab jaake test karo:

* Image upload karo
* Width ya height do
* Resize karo
* Link milta hai resized image ka

### **💡 Note:**

* uploads/ and resized/ folders automatically ban jaate hain jab app first time run hota hai (agar empty ho).
* Permanent image storage ke liye paid disk chahiye hota hai, lekin testing/demo ke liye free plan kaafi hai.