

# EXPERIMENT - 9

## CI/CD Deployment with GitHub Actions + Render/Vercel

### Outputs :

```
PS C:\Users\Bajaj\OneDrive\Documents\budget-tracker\server> npm run dev
> budget-tracker@1.0.0 dev
> nodemon server.js

[nodemon] 3.1.10
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
[dotenv@17.2.3] injecting env (3) from .env -- tip: ⚙️ load multiple .env files with { path: ['.env.local', '.env'] }
🚀 Server running on port 5000
✅ MongoDB connected
```

Your services in the same region can communicate over a private network.

**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.

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

**Start Command**  
Render runs this command to start your app with each deploy.

**Instance Type**

**For hobby projects**

<b>Free</b> \$0 / month	512 MB (RAM) 0.1 CPU
----------------------------	-------------------------

**For professional use**  
For more power and to get the most out of Render, we recommend using one of our paid instance types. All paid instances support:

- Zero Downtime
- SSH Access
- Scaling
- One-off jobs
- Support for persistent disks

<b>Starter</b> \$7 / month	512 MB (RAM) 0.5 CPU	<b>Standard</b> \$25 / month	2 GB (RAM) 1 CPU
<b>Pro</b> \$85 / month	4 GB (RAM) 2 CPU	<b>Pro Plus</b> \$175 / month	8 GB (RAM) 4 CPU
<b>Pro Max</b> \$225 / month	16 GB (RAM) 4 CPU	<b>Pro Ultra</b> \$450 / month	32 GB (RAM) 8 CPU

Need a custom instance type? We support up to 512 GB RAM and 64 CPUs.

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

[Generate](#)

+ Add Environment Variable

Add from .env

> **Advanced**

Deploy Web Service

My Workspace

Dashboard

budget\_tracker

Events

Settings

MONITOR

Logs

Metrics

MANAGE

Environment

Shell

Scaling

Previews

Disks

Jobs

Render MCP server

Manage your Render infrastructure directly from compatible AI apps.

Learn more

Changelog

Invite a friend

Contact support

Render Status

budget\_tracker

WEB SERVICE

Node Free Upgrade your instance

Service ID: srv-d3h3v4b3lgac739fh8g

himanshibajaj / budget\_tracker

https://budget-tracker-k122.onrender.com

Your free instance will spin down with inactivity, which can delay requests by 50 seconds or more.

Upgrade now

October 5, 2025 at 3:21 PM Live

5f2d8ad env:example

All logs Search

Oct 5 03:22:14 PM at Mongoose connect (/opt/render/project/src/node\_modules/mongoose/lib/mongoose.js:450:15)

Oct 5 03:22:14 PM at file:///opt/render/project/src/server.js:10:4

Oct 5 03:22:14 PM at ModuleJob.run (node:internal/modules/esm/module\_job:274:26)

Oct 5 03:22:14 PM at async onImport.tracePromise.\_\_proto\_\_ (node:internal/modules/esm/loader:644:26)

Oct 5 03:22:14 PM at async asyncRunEntryPointWithESMLoader (node:internal/modules/run\_main:117:6)

Oct 5 03:22:14 PM Server running on port 10000

Oct 5 03:22:19 PM Your service is live

Oct 5 03:22:19 PM

Oct 5 03:22:19 PM Available at your primary URL https://budget-tracker-k122.onrender.com

Oct 5 03:22:19 PM

Oct 5 03:22:19 PM Detected service running on port 10000

Oct 5 03:27:22 PM Docs on specifying a port: https://render.com/docs/web-services#port-binding

Oct 5 03:27:22 PM

15:22:45 VARIABLES INJECTED

15:22:47 FINALIZING STARTUP

15:22:48 FIRST DEPLOYMENT DETECTED

15:22:49 HELLO, WORLD!

budget\_tracker is live!

Upgrade your workspace to collaborate with your team. Pro workspaces also get 14-day log retention, horizontal autoscaling, and more.

View Upgrade to Pro

Need better ways to work with logs? Try the Render CLI, Render MCP Server, or set up a log stream integration

# Budget Tracker - Real-Time

Type (income/expense) Amount Add Transaction

- Type: expense, Amount: 500

Ungrouped Services				
Active (1) Suspended (0) All (1)				
Search services				
SERVICE NAME	STATUS	RUNTIME	REGION	DEPLOYED
budget_tracker	Deployed	Node	Oregon	1h

WEB SERVICE

**budget\_tracker**

Node

Free

Upgrade your instance →

Service ID: `srv-d3h3v4b3fgac739fhf8g`

himanshibajaj / budget\_tracker main

<https://budget-tracker-ki22.onrender.com>

ⓘ Your free instance will spin down with inactivity, which can delay requests by 50 seconds or more.

Filter events 31



Deploy live for `5f2d8ad`: .env.example

October 5, 2025 at 3:22 PM



First deploy started for `5f2d8ad`: .env.example

October 5, 2025 at 3:21 PM