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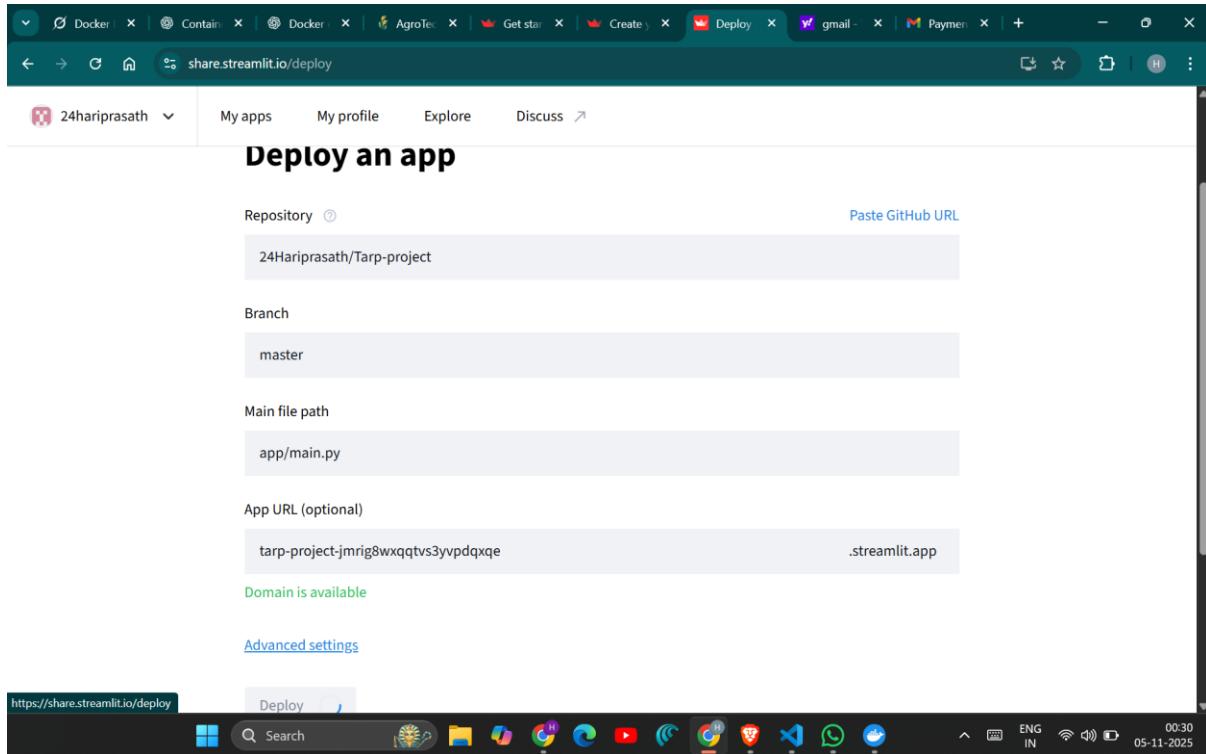
## Web App Deployment

**Streamlit Community Cloud** is a free platform provided by Streamlit that allows developers and learners to **easily deploy, share, and showcase their Streamlit web apps directly from GitHub** — without needing any complex setup or server management.

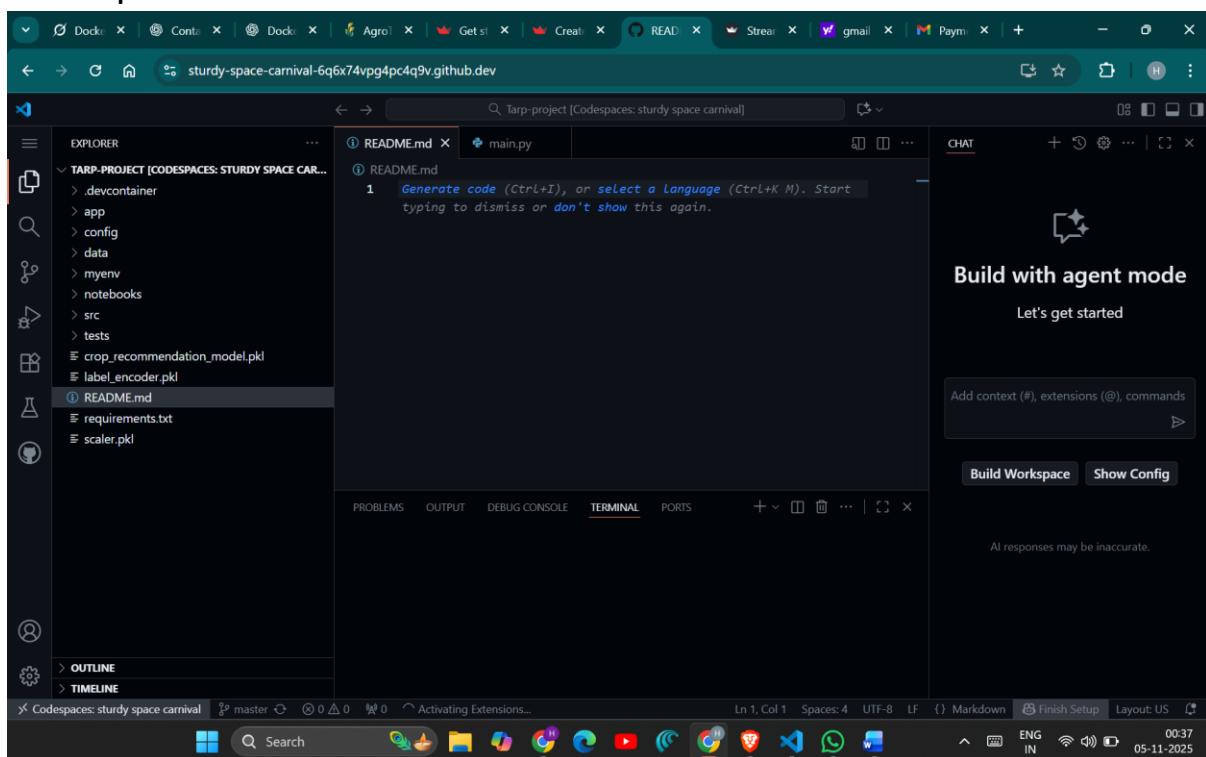
It offers a **free deployment tier**, making it perfect for **students, hobbyists, and learners** who want to explore data science, machine learning, or web app development. You simply connect your GitHub repository, and Streamlit automatically builds and hosts your app with a public URL.

This free tier includes limited resources suitable for small to medium apps, making it an excellent tool for **learning, experimentation, and portfolio projects**.

## Deployment Steps:



## Workspace in Streamlit:



## Final deployment:

The screenshot shows the initial landing page of the AgroTech - SmartCrop Advisor Streamlit app. At the top, it displays "Model Accuracy on Test Data: 99.91%". Below this, there is a section titled "Enter Land and Environmental Details" with several input fields:

- Land Area (acres): 1.00
- Nitrogen content in soil: 90
- Phosphorus content in soil: 42
- Potassium content in soil: 43
- Temperature (°C): 30.50

At the bottom right of this section, there is a "Manage app" button.

The screenshot shows the results page of the AgroTech - SmartCrop Advisor Streamlit app. It displays the following environmental inputs:

- Soil pH Value: 85
- 6.50
- Rainfall (mm): 200.00

Below these inputs is a "Get Crop Recommendations" button. Underneath the button, the title "Recommended Crop Allocation" is displayed, followed by a table:

	Crop	Area (acres)	Percentage (%)
0	Rice	0.46	46.2
1	Jute	0.38	37.5
2	Papaya	0.16	16.2

At the bottom right of this section, there is a "Manage app" button.

Link:

<https://tarp-project-jmrig8wxqqtvs3yvpdqxqe.streamlit.app/>