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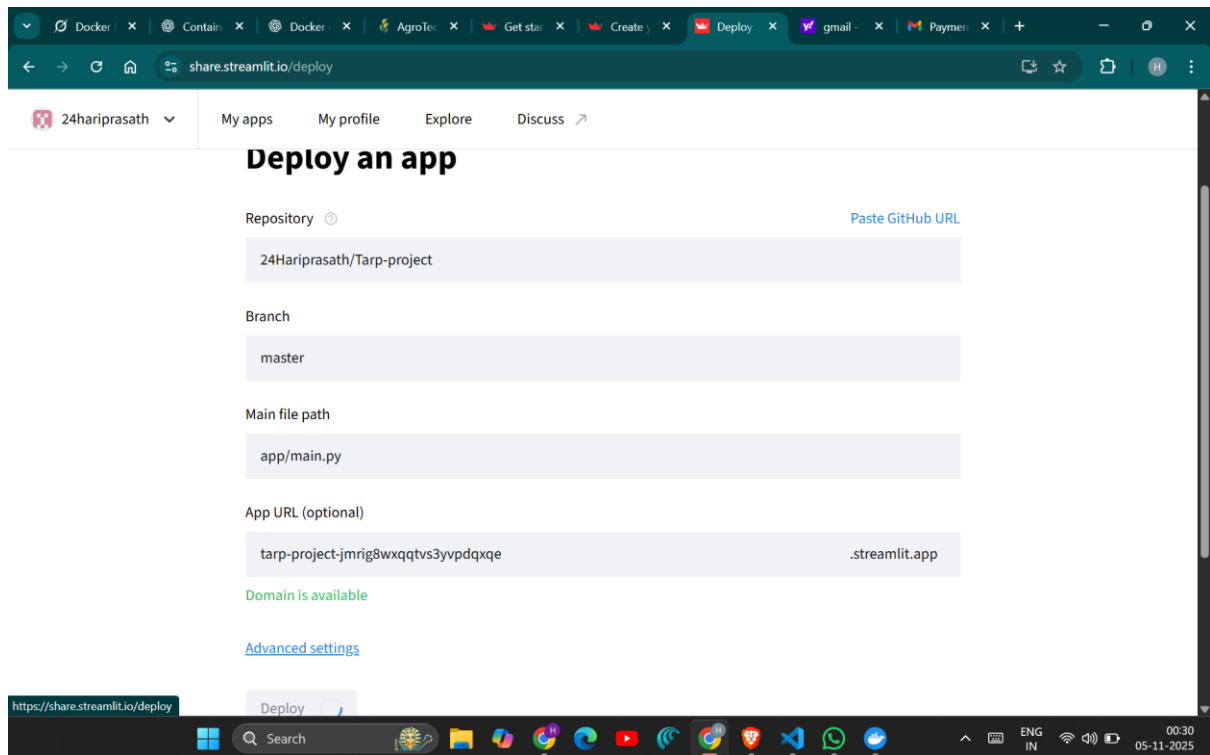
## Web App Deployment

**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.

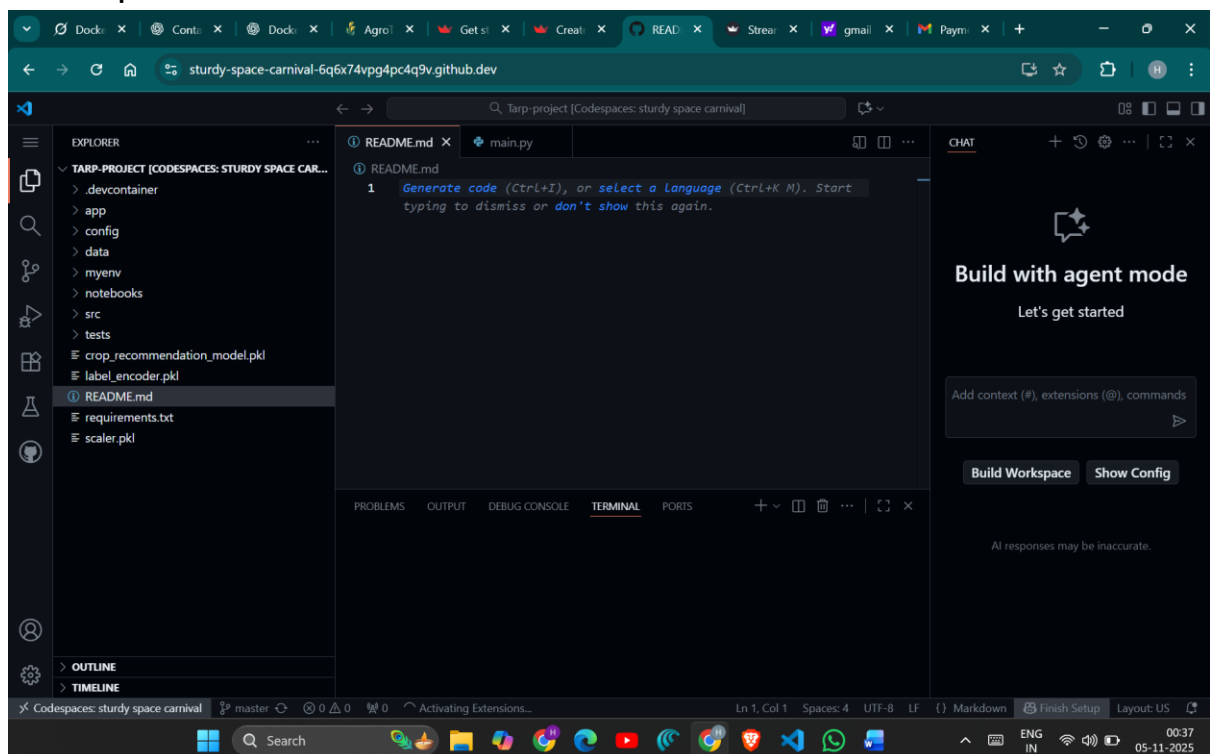
It offers a **free deployment tier**, making it perfect for **students, hobbyists, and learners** who want to explore data science, machine learning, or web app development. You simply connect your GitHub repository, and Streamlit automatically builds and hosts your app with a public URL.

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:

AgroTech - SmartCrop Advisor

Model Accuracy on Test Data: 99.91%

Enter Land and Environmental Details ↔

Land Area (acres)

1.00 - +

Nitrogen content in soil

90 - +

Phosphorus content in soil

42 - +

Potassium content in soil

43 - +

Temperature (°C)

30.50 - +

Manage app

85 - +

Soil pH Value

6.50 - +

Rainfall (mm)

200.00 - +

Get Crop Recommendations

Recommended Crop Allocation

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

Manage app

Link:

<https://tarp-project-jmrig8wxqqts3yvpdqxqe.streamlit.app/>