

## farmhelp

Push from  
app testing | + push to broadcast via  
+ farmhelp page

→ Create cloud NFT & rewarding video shoots. 420\$

सभी कृषि को Manage करें।

सभी कृषि को farmer आवाज से बोलने के servers &  
website management करना हो। करें।

→ DCR को farmer से contact करने की वजह से  
ग्रामपाल ने भिन्न वाहनों की तरीके सही app की जाए।

login करने की सभी कृषि देखा जाए।

farmer को सभी farm MR को दें।

Name :

home Address :

→ yes की रूप से report  
crop का motion object  
after geotagging हो वाली  
how much cost will

images, diagram,  
be for end farmer users

farm address : longitude & latitude

Mobile Number :

Language :



→ sensor\_id :

→ telegram add gcm for notification: application form, contact form

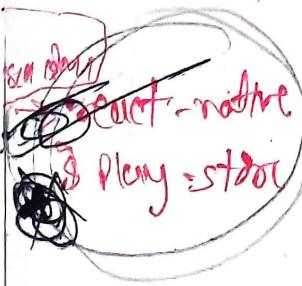
→ DCR को उसे कृषि farmer की जावा ऐप & डिवाइस की  
वेब वेबसाईट की जावा & कृषि की phone number  
सिर्वर & कृषि data युल जावा।

→ Sensor की theft की घटती है, लौटा।  
DCR की water level, humidity जैसे जो की कृषि का charge हो  
उसे ने सभी farmer की atleast \$2 देने की गति दियी थी।  
परम्परा Problem Full 2.

→ light & dark theme switch

→ see some Indian farmer website & take screenshot

→ hint from them about UI/UX



→ React-native app with

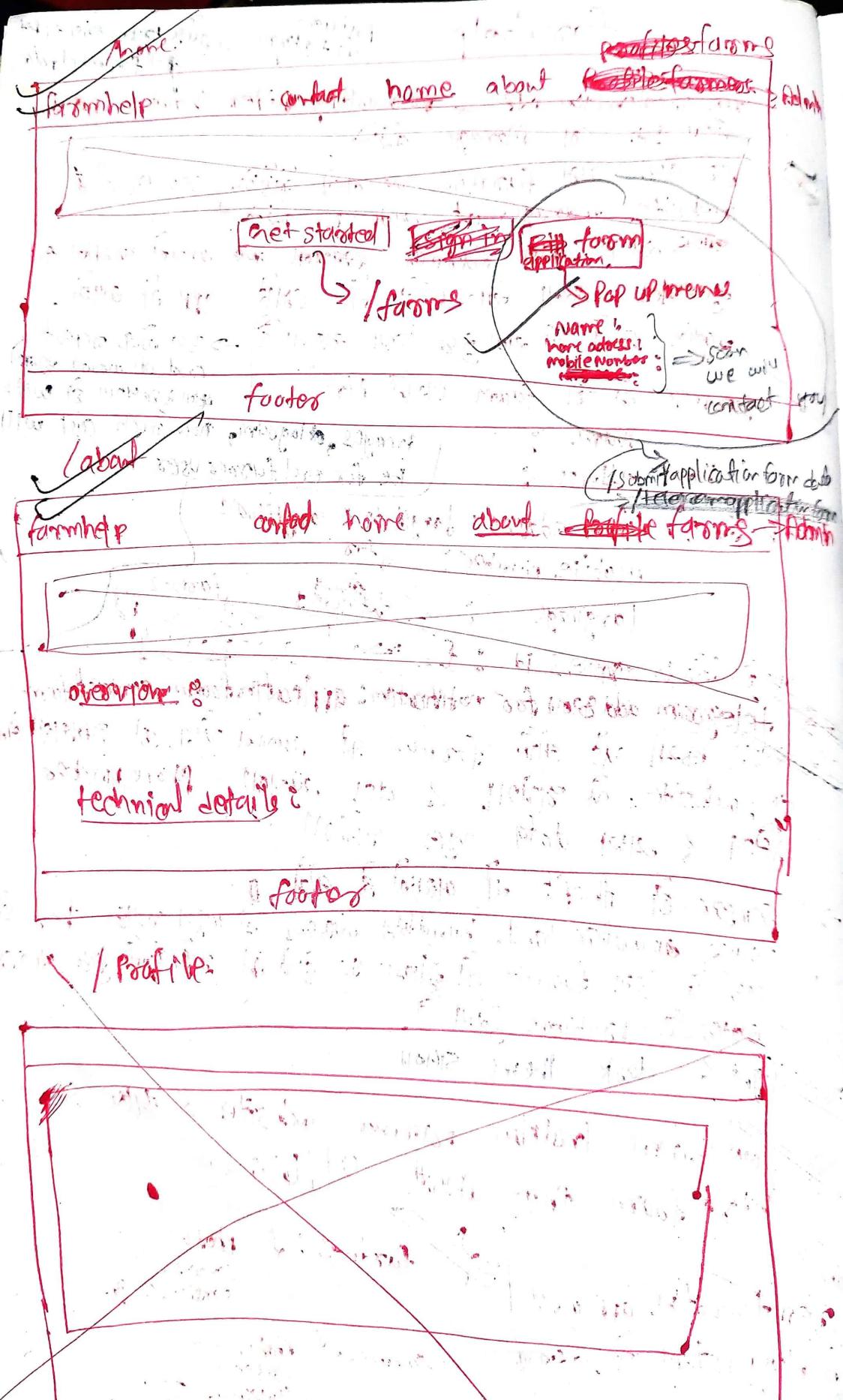
Play-store में show

farm-1 : { Photo : —  
sensor-1 : —  
sensor-2 : — } ;

farm-2 : { Photo : —  
sensor-1 : —  
sensor-2 : — } ;

## W3LL website of githui

- ~~most farmers can't read english & difficulty to operating websites~~
  - there was no system for real time notification.  
user has to open the website to see the status
  - UI is complex & not user friendly, dark theme &  
~~millenium & all prefer light theme & simple UI~~
  - in website there was no section for about page  
where user can get to know ~~what~~ for what  
they are paying for & how things are working
  - there was no database to track the activity  
& farmer information.
  - website can be used only for ~~one farmer~~, what  
about multiple farmers & ~~one farmer~~ will ~~use API - API~~  
~~use API - API~~ & one server is not enough for one farm
  - reducing server trafficking risk
  - not deployed to the server
  - if ~~something~~ is frequently used by people they prefer mobile app than website
- website and a file of pdf at  
the end of credit card & annual off  
the annual
- Arun
  - Anil
  - Jay
  - Dhay
- version - 2 & within of version - 2 & annual website  
of about page & content of version - 2 & annual website  
last at Arun & this ~~github~~ codebase (with README.md)  
of this website or ~~will~~ website link, Play Store app  
Fastapi & react native & all development



## ~~Home / forms~~

farmhelp

mobile no:

[submit]

home about contact form

Admin

Submit द्वारा डिटेल्स की जांच करें।



Farmers details

- Temp
- humidity
- Soil moisture
- water tank level

factors

Predict suitable crop  
Ad min

democrop prediction

Enter द्वारा दी नई Password सेट की।  
Here Admin can perform edit operations

farmhelp

contact home about factors Admin

mobile No:

admin

farm

Application form

Admin generates  
from data.

+ Add factors

Submit

after installing f.

soil

+ Edit details  
Active forms

complaints

admin

farm

Name :

home address :

farm address : longitude &amp; latitude

mobile number :

call language :

seasone

Sensor ID :

Farm name :

latitude :

SPP NO :

Sensor ID :

Add sensors

+ Add Farms

edit operations  
& delete operations

from data

farm - 1

Name : \_\_\_\_\_

home address : \_\_\_\_\_

mobile number : \_\_\_\_\_

Farm name : \_\_\_\_\_

latitude : \_\_\_\_\_

longitude : \_\_\_\_\_

checkbox

checkbox

checkbox

checkbox

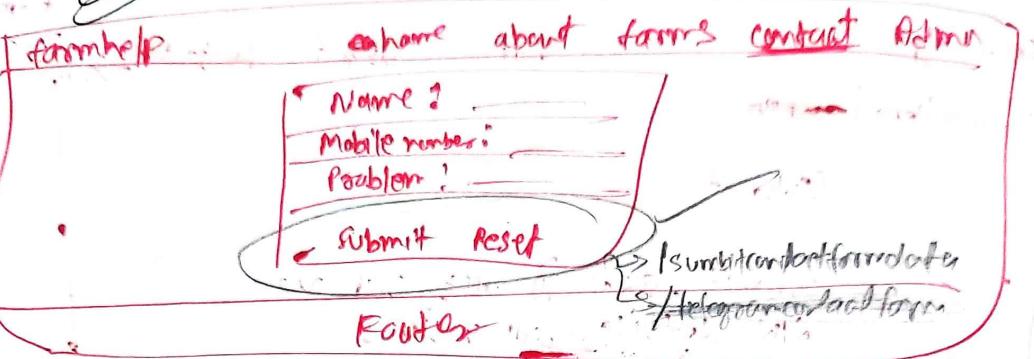
checkbox

checkbox

checkbox

checkbox

~~/contact~~



\* Back

~~② /application  
submitapp~~

~~③ /cancelform~~

~~② /adminadd~~

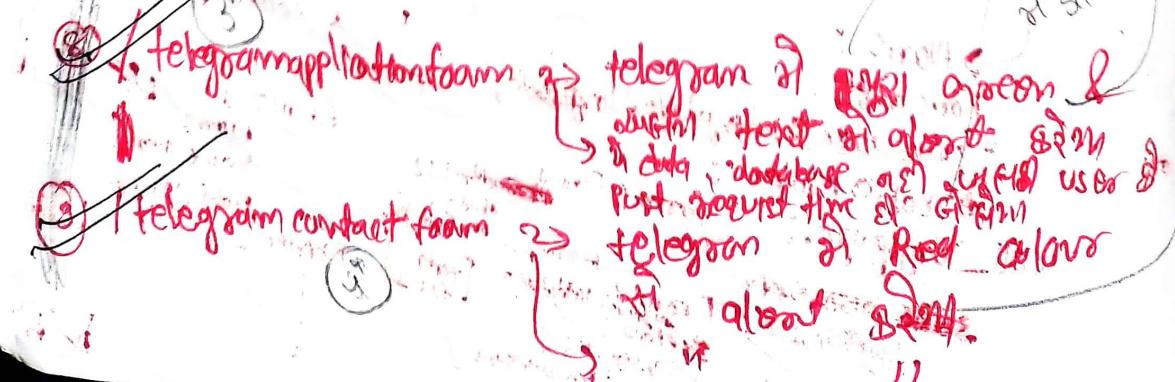
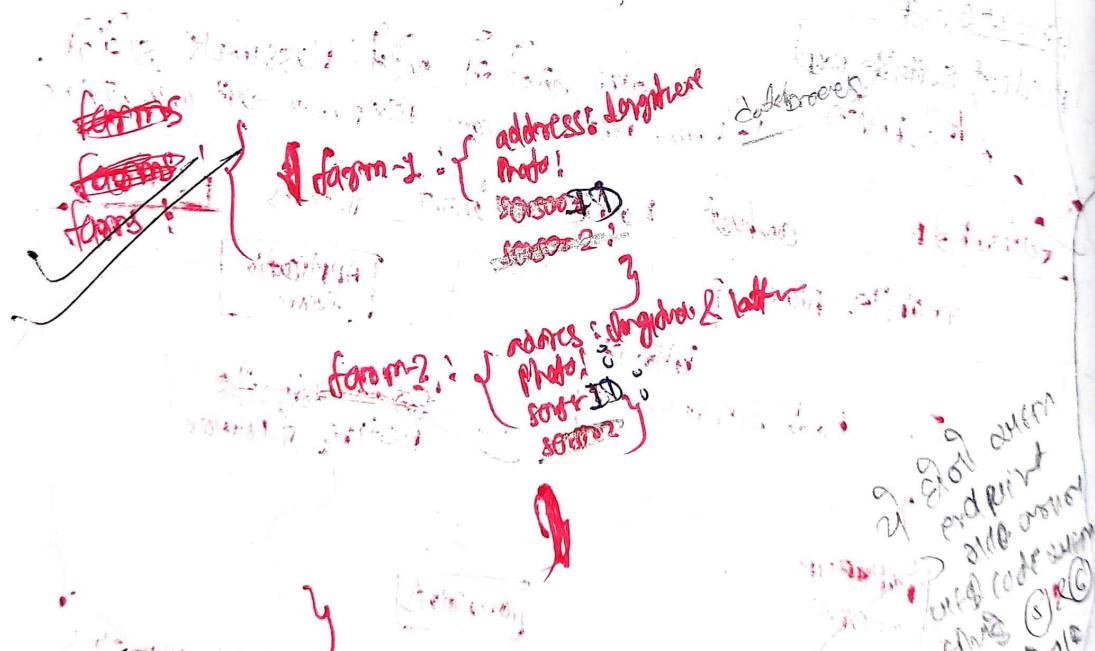
~~③ /admining~~

~~③ /admining~~

~~③ /submit~~

~~③ /admin~~

~~② /form~~



## \* Backend endpoint

- ① /applicationformdata → Save this data to mongoDB database in (collection: applicationformdata)
- ② /admin/addfarmerdata → Save data to mongoDB database in (collection: adminaddfarmerdata) (applicationfarmerdata)
- ③ /admin/applicantformdata → can perform CRUD operation in (collection: applicantformdata)
- ④ /admin/farmerdata → can perform CRUD operation in (collection: farmerdata)
- ⑤ /submit/contactformdata → Save this data to mongoDB database in (collection: contactformdata)
- ⑥ /admin/contactformdata → can perform CRUD operation in (collection: contactformdata)
- ⑦ /farmerdata → send { name: " ", homeaddress: " ", calllanguage: " ", firsts: { form1: " ", form2: " " } }
- (collection: farmerdata)

## data modeling based on

### ① application form data

Name :

home address :

Mobile No.

Name

home address

Mobile No.

### ② contact form data

contact form data : Name :

Mobile No. :

Problem :

### ③ form data

Name :

home address :

call language :

mobile no. :

forms :

form-1 :

Photo

location

sensor ID

screen

sensor

we use  
shell google  
Gisiotl link  
Part 3

form-2 :

photo

location

sensor ID

new field optional

is it your mom  
one will go  
with them on 22/1

API end P

② pr

folders  
empty  
data

⑤

feel

9  
stop

feel

⑥

feel

⑩

feel

## API end points

- ⑧ Prediction\_model.pkl एक file named back\_end folder में होनी चाही और उसके साथ house\_model.pkl, empty file का भी उपलब्ध होना चाही बैकेंड में dummy data / farm formula route ने show करता है।

## Factual prediction

- ✓ factual crop prediction  $\Rightarrow$  it contains real rainfall ML model.pkl  
25 पुस्तकों की सूची  $\Rightarrow$  वर्तमान का रिपोर्ट फाइल को predict करने के लिए वास्तविक छाप।  
  - Temp
  - Relative humidity
  - Precipitation
  - Wind speed

- ⑨ Factual crop prediction  $\Rightarrow$  it generates random crop each day & lets you know which crop you should grow  
 28 request  $\Rightarrow$  answer will be different for each farm. & answer will change after each 10 days & return a crop name  
 29 Terminal  $\Rightarrow$  each day & lets you know which crop you should grow  
 30 if top 10 crops return with 90% likely  
 31 then it's feasible &  
 last request  
 32 Logistic  
 33 Logistic regression

- ⑩ Factual sensor data  $\Rightarrow$  it sends actual sensor data

water tank level  
soil moisture

old sensor data  $\Rightarrow$  ~~dummy data~~ gives demo data

~~dummy data~~ gives demo data  
 34 water tank level  
35 soil moisture  
36 water tank level

- 10 Twitter call  $\Rightarrow$  if any of the sensor sense

37 water level  $< 10\%$ .  
 38 soil moist is  $< 33\%$ .

Ash

Before entering in neural network this data is preprocessed in the form of input.

Input | Temperature | Relative Humidity (%) | Precipitation | Wind speed (m/s)  
| Net Radiation (MJ/m²) |

These variables find their way into the crop coefficient calculation.

calculated

→  $ET_0$  |  $ET_c$  |  $K_c$   
Crop coefficient  
Reference Evapotranspiration

Ex. Crop Evapotranspiration  
depends on the crop  
and conditions of the crop

content : rooting depth

- season
- growth stage
- Month

~~output~~

→ optimal crop

Target variable : Crop name

~~→ output~~

(8 crops)

Paddy(Rice), wheat, maize, barley, buckwheat  
potato, Tomato, cabbage, multilayer, pea

~~(2)~~ system auger flavor

→ system likely aggregates sensor data & weather API (openweathermap, NASA.) into

~~a file~~ a CSV file (final merged database)

~~(3)~~ alert system

if low water level is it deep below 10%.

(i) if soil moisture deep below 33%.

how much  
water is  
remaining in  
your tank

Refill suggestion: water level 10-20%

Irrigation ON = if soil moisture is

low but not

critical

(33% - 20% off)  
forgetter

Irrigation OFF! If soil moisture is  
too high (> 10% off)  
forgetter to save water

~~(4)~~ not only alert but lets you do

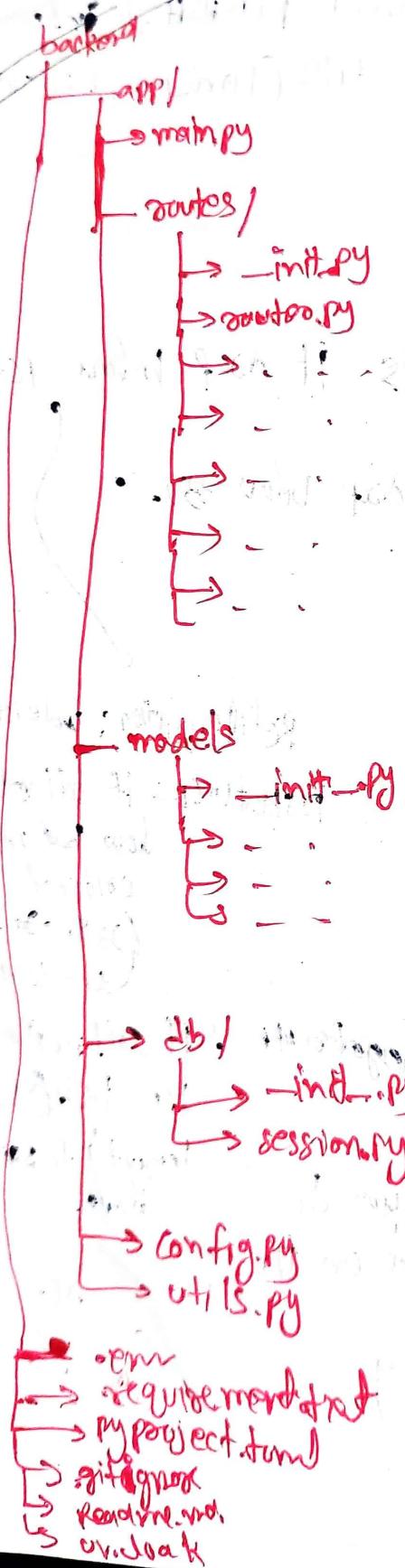
Turn on & turn off buttons on the

dashboard

~~(5)~~ what sensors are sensing

temp  
humidity  
soil moisture  
water tank level

## ~~base fastapi directory~~ structure



## work

- used backend & deploy dev with cross origin allowed
- then ~~frontend~~ in frontend online, with the help of deployed backend.
- then front & deploy this ~~hosted~~ with domain & backend & conn of static & cross origin block form.

~~Payment made for payment by of Pheta of  
GST type charge 2011 10/12/11 on  
or VR Accept \$ 2512.~~

~~Administrator for data of 2011  
of Pheta of payment by of Pheta of  
GST type charge 2011 10/12/11 on  
or VR Accept \$ 2512.~~

**backend  $\Rightarrow$  Cloudflare**

**frontend  $\Rightarrow$  Node.js**

~~Frontend is of all post office route  
using ~~host~~ Admin sol page \$ 2512.  
access or \$ 2512.~~

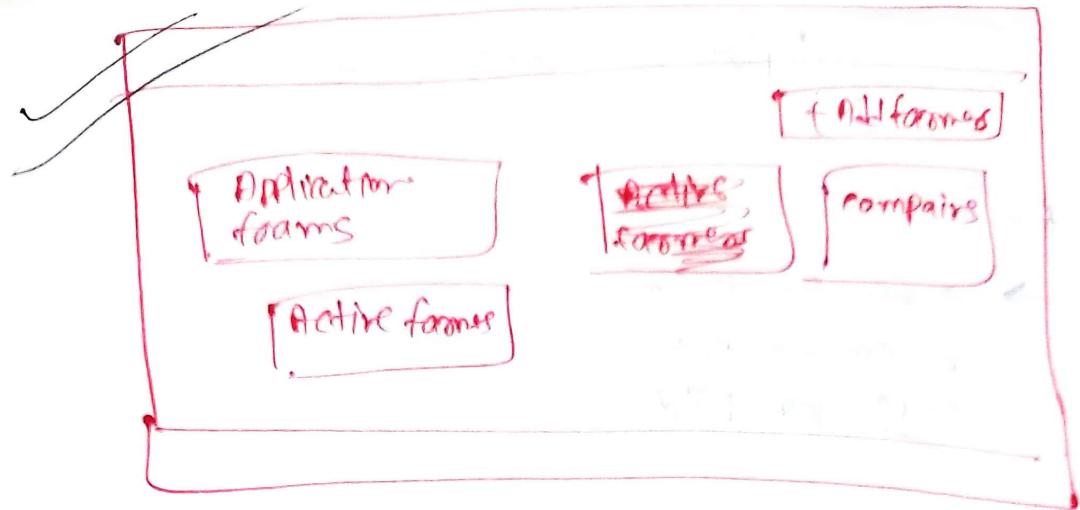
~~cross browser execution~~

~~using dummy physical centers 9721 &  
Address & photos 51011 ~~27~~ from each  
state~~

- ~~Actual crop production data~~ avail & ML model. ↗  
correct scroll ↗
- Formhelp sys. com domain correct scroll ↗
- Own front end & backend deploy scroll ↗
- Backend  
→ Frontend web  
→ Frontapp  
→ ML → Actual  
→ Reference → Any & first 8  
will follow app ↗
- youtube video share scroll ↗ & form ↗
- Frontend SEO, whatsapp, facebook, linkedin ↗
- Readme.md avail & set local setup for  
frontend & backend & ML ↗
- dummy 28 service centres in each state  
→ give link to service centre page in home ↗
- Form & Crop Prediction STATION ↗

DO DO

→ sum reference & all document of  
not & detail & cl work for initialisation  
frontend/web  
backend  
APP frontend app  
ML



~~call language~~

~~Pass last URL of google sheet~~

~~(coordinates of form grid in~~

~~Protecting wrapper across admin~~

→ credentials.json & public folder में स्थान

~~/forms में Side out में~~

~~अप्स ट्रॉजन लोग नंबर के लिए~~

~~जिसे लोग लिया & check कर दिया~~

~~अप्स लोग लिया कि यह लिया \$1  
में दर्शा रहा~~

~~Admin panel में~~

Application form, company, Active forms एवं  
navigation menu

## deployment docs

### of Frontend web

→ ~~fix the issue in~~

- npm run lint
- npm run build

### of backend

• Run: uv pip freeze > requirement.txt

~~uv sync -froz~~

uv sync -- frozen

Note: small project & show me dev

uv add ~~-dev~~ mypy

MPS Oxford 82

mypy

B2J & 2 Virg S.

## Virtual Machine

✓ 2, 5, 7, 7, 8, 10

✓ how can I feed my  
environmental  
variables there  
like in real life

→ public IP & what is IP  
what is running  
→ 2 vCPU 2GB RAM  
what is disk & port  
node - 5123 & 80

→ what is key-pairs &  
how it works in AWS

→ what is IPv4

SSH  
certify

→ what is nginx &  
what is reverse proxy  
→ what is certbot

① Basic way (Ubuntu choose Ben 20) → small machine now

→ start without key-pairs

→ cloud SI Terminal SI Access API & gCloud open  
↓ documentation of "Installing Node using the Node  
Version Manager"

• \$ curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.35.2/install.sh | bash

• source ~/.bashrc

• nvm install node

• → git at email Repo Clone (Ben) → demo dep SI

• git clone

• npm install

• npm run build

• npm install -g serve

make SVD  
demo dep SI  
public SI

→ dist directory को बनाए

- serve

→ open ~~the~~ firewall rule on 13000 & Add  
Block

custom rule | 13000 |

→ add a DNS provider to your VM की

IP के subdomain लिया

- serve -p 3001

→ 3001 port को run करें

- serve -p 80

② serve -p 443

→ we will get error for this we  
should do using ~~sudo~~ as sudo

- sudo apt update

- sudo apt install ~~nodejs~~ nodejs

- sudo node

- sudo npm install

- sudo npm install -g serve

- sudo serve -p 80

→ run nginx & certbot की SSL optional करें

### ~~② Auto Scaling~~

② Auto Scaled ~~VMS~~ VMS

→ AWS में ASG बिले

→ AWS में EBS की कठोरीमात्रा देखने की विधि

EBS, ASG की कॉस्ट देखने की विधि  
under the hood \$2 देखने की विधि

### ~~③ Docking~~

→ Do for every backend

## Farmhelp

Demotwilio call and actualtwilio apis  
banana....  
Actual waala api har 30 minutes me things speak se baat karega agar consecutively 12 baar soil moisture 30% se kam raha to urgent call kareg and agar water tank level 30 % se kam raha to bhi vo call karega

Ek demo video banana and use YouTube pe upload kar diya and uska link home page pe daal diya ye batate hue like ye kaam kaise karta hai by visiting all the routes  
Video ko hum vahi youtube par hi stream karayenge with all qualities is video me apne mobile app ka view bhi video add kar diya

Actual crop prediction data ki bana lena baad me ML model laga dena backend me

Apne sys3 ka domain lagana.  
Farmhelp.sys3.com and sys3 ka domain extent karana

Apne folder structure hogta  
Backend  
Frontend web  
Front app  
ML

Frontend ka SEO bhi bana diya like whatsapp ya kisi per share kare to SEO aaye like mahi\_mehendi

Final documentation me sab daal diya  
Amey, ansh, joy wadera ke kaam and photos ans they old idea ansh ne codes Bheje uske cursur directory ka screenshots ... What are there disadvantages how we gonna resolve it

Apne idea book ke saare page

Postman ke screenshots

Telegram group ke screenshots

Directory structure of our whole farmhelp of cursur

Website ka frontpage

Apni application ka frontpage

Database ka ke screen shots

Cloudinary ka screen shots

Cloudflare ka screen shot

Excalidraw wire frames

Jupyterlab jaha se notes generate kya

Latex jaha se notes banaya

Google play console

Google chrome lab while testing of our LLM model

Git and GitHub ka screenshot+ git ke terminal ke online logs+ apna jo private me GitHub hai uska ek upar se screen shot jisme mere saare project ke naam aa jaye

AWS ka deployment ka screenshot daalna logs waali jaha per server run ho raha ho

ML model se .pkd kaise banaya

Readme.md dena like kaise setup karna ha

Apne is note ka screenshot daalna apne credentials pdf me daal diya

Tools used:  
Chatgpt, grok, cloude, traer, cursur, antigravity, Gemini

Bahut pahile ek koi company ne muze reject kar diya tha.... Just send this to them and ask for feed back.



## Work

- 1) frontend ko sab kuchh daal ke front complete kiya
- 2) frontend and backend AWS pe deploy kiya
- 3) credentials ka pdf banaya jisme sab kuchh dump kar diya front page latex se banaya jaha pe ameyand ansh ki team ka zikra kiya pdf me hi youtube video, GitHub, website ki link de diya
- 5) that is pdf ka link bhi apne frontend pe daala
- 6) then actual youtube video shoot kiya and ye youtube ko frontend pe stream karawaya And final deploy mar diya and thumbnail me apan vo puraani waali photo jisme from ud raha hai vo laga denge
- 7) amey, ansh, joy, dhyey ko Youtube video, GitHub link, website link, credentials pdf bhej diya

Youtube video me non technical part then technical part daalna  
Technical part me sab kuchh ek dum details me batana by showing postman, mongodb and all the things bhale video 1 hours ki ho jaaye

Kal machine ka problem and control system ka vo sawal karke jaana vo pucchegi+ record of EMI likheke jana





## Work

1) frontend ko sab kuchh daal ke front complete kiya

2) frontend and backend AWS pe deploy kiya

3) credentials ka pdf banaya jisme sab kuchh dump kar diya front page latex se banaya jaha pe ameyand ansh ki team ka zikra kiya pdf me hi youtube video, GitHub, website ki link de diya

5) that is pdf ka link bhi apne frontend pe daala

6) then actual youtube video shoot kiya and ye youtube ko frontend pe stream karawaya And final deploy mar diya and thumbnail me apan vo puraani waali photo jisme from ud raha hai vo laga denge

7) amey, ansh, joy, dhyey ko Youtube video, GitHub link, website link, credentials pdf bhej diya

Youtube video me non technical part then technical part daalna  
Technical part me sab kuchh ek dum details me batana by showing postman, mongodb and all the things bhale video 1 hours ki ho jaaye

Kal machine ka problem and control system ka vo sawal karke jaana vo pucchegi+ record of EMI likheke jana





F

## Farmhelp

6 members

**APPLICATION RECEIVED****Name :** mujahid**Mobile :** 8511274216**Address :** C.207 marjan  
residency nr. canal road vatva  
ahmeadabad**Time :** 04 Jan 2026, 02:57 PM

14:50

**APPLICATION RECEIVED****Name :** mujahid**Mobile :** 8511274216**Address :** C.207 marjan  
residency nr. canal road vatva  
ahmeadabad**Time :** 04 Jan 2026, 02:57 PM

14:50

F

**Farmhelp**

admin

**APPLICATION RECEIVED****Name :** ansh**Mobile :** 1472583690**Address :** c.207 hagsydgwad**Time :** 04 Jan 2026, 07:55 PM

19:55

**CONTACT ALERT****Name :** Mujahid Khan**Mobile :** 8511274216**Issue :** ssdfghhdfh**Time :** 04 Jan 2026, 07:58 PM

19:58

F



Message





# Smart Farming Made Simple

Monitor your farms remotely, get instant alerts, and receive AI-based crop recommendations — all using your mobile phone.

[View My Farms](#)[Application Form](#)

Not educated? [Visit our nearest service center.](#)



19°C  
Mostly cloudy



Search



ENG  
IN



22:25  
05-01-2026

Home Workspaces API Network

Search Postman Ctrl K

Invite Settings Bell Upgrade

sigma web

New Import

DEL admin POST adm POST sub POST sub DEL admin GET admir GET admir

farmhelp / submitcontactfoamdata

Save Share

Collections Environments History Flows

POST adminaddfarmerdata GET adminfarmerdata PUT adminfarmerdata DEL adminfarmerdata POST submitapplicationfoamdata POST submitcontactfoamdata GET adminapplicationfoamdata DEL adminapplicationfoamdata GET admincontactdfoamdata DEL admincontactdfoamdata POST farmerdata POST democropprediction GET demosenserdata GET actualcropprediction GET actualsenserdata GET actualtwilicall

POST http://127.0.0.1:8000/submitcontactfoamdata

Docs Params Authorization Headers (8) Body Scripts Settings Cookies Schema Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 "name": "Mahennoi",
2 "mobile_no": "9667788990",
3 "problem": "If the sensor fails during the crop season, who will be responsible for the loss?,love you"
4
5
6
```

Response History

Click Send to get a response

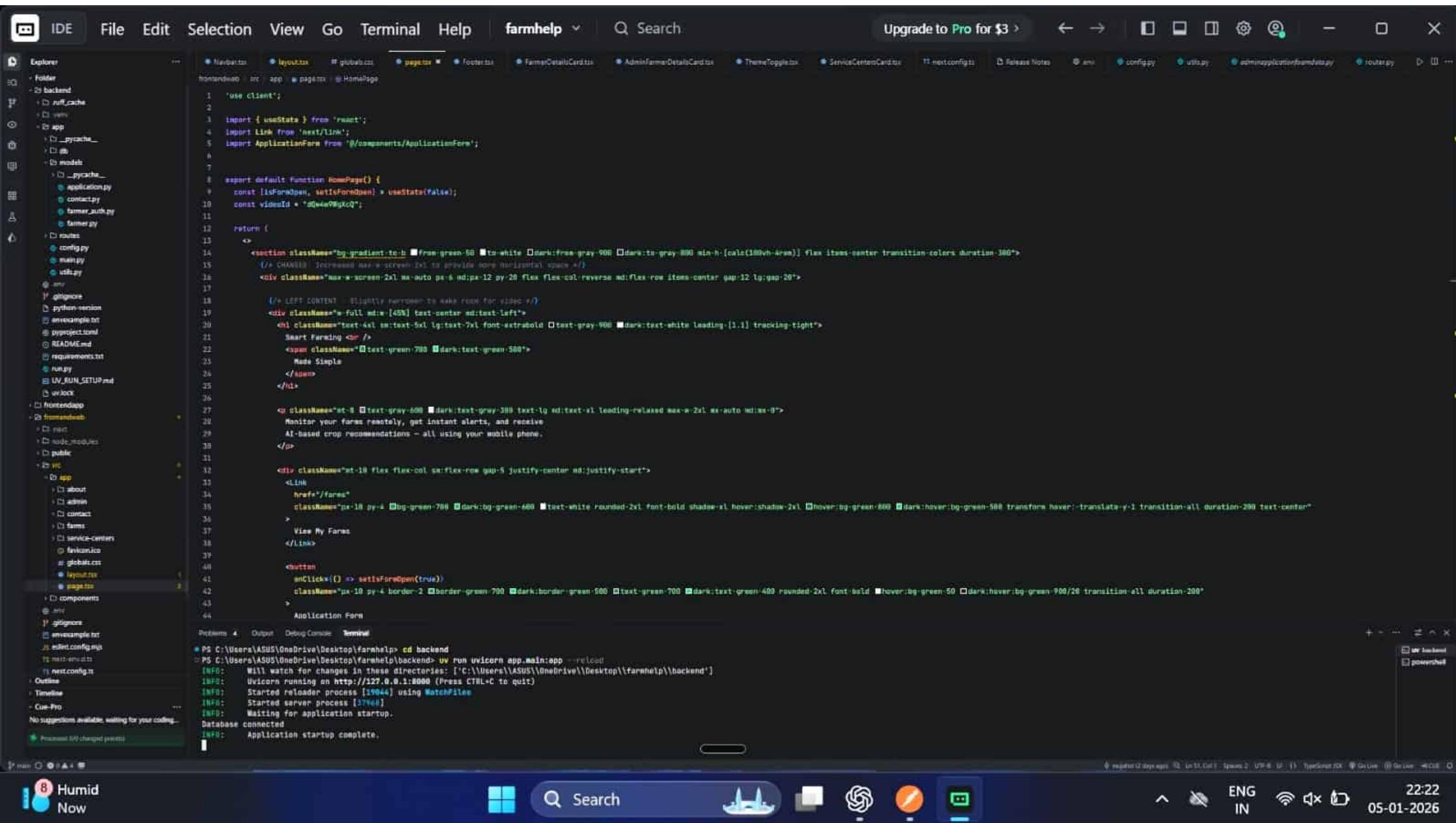
Postbot Runner Start Proxy Cookies Vault Trash

Air: Poor Tomorrow

Cloud View Find and replace Console Terminal

Search

Postman 05-01-2026



MongoDB Compass - [syp3.ga4ymx2.mongodb.net/farmhelp.applicationfoamdata](http://syp3.ga4ymx2.mongodb.net/farmhelp.applicationfoamdata)

Connections Edit View Collection Help

Compass

applicationfoamdata

syp3.ga4ymx2.mongodb.net > farmhelp > applicationfoamdata

My Queries

Data Modeling

DOCUMENTS (1)

Search connections

syp3.ga4ymx2.mongodb.net

- admin
- codesnippet
- config
- farmhelp
  - applicationfoamdata
  - contactfoamdata
  - farmerdata
- leetcodeClone
- local
- mahi\_mehendi
- mdkmailcol
- memory
- mk3

Type a query: { field: 'value' } or [Generate query](#)

Documents 39 Aggregations Schema Indexes 1 Validation

Explain Reset Find Options

50 1–39 of 39

`_id: ObjectId('695a34ebbd9f732cf055a790')`  
`name : "Sita Devi"`  
`mobile_no : "9123456789"`  
`home_address : "Gaya Road, Patna, Bihar"`

`_id: ObjectId('695a34ebbd9f732cf055a791')`  
`name : "Imran Shaikh"`  
`mobile_no : "9012345678"`  
`home_address : "Jogeshwari East, Mumbai, Maharashtra"`

`_id: ObjectId('695a34ebbd9f732cf055a792')`  
`name : "Anjali Verma"`  
`mobile_no : "9345678901"`  
`home_address : "Shastri Nagar, Jaipur, Rajasthan"`

19°C Mostly cloudy

Search

22:27 05-01-2026

farmhelp | Folders | Assets (DA) +

console.cloudinary.com/app/c-e389c88be1a138af8e5962224aec00/assets/media\_library/folders/cdb5af1a5909081e947a36574dd34f2aa8?vi... 🔍 ⭐ 🗑️ 📁 All Bookmarks

Media Library > Folders

farmhelp

Type to filter

Last replaced

Showing 71 assets

farmhelp

Location Home

Assets 71

Total size 23 MB

Last upload Jan 4, 2026 8:02 pm

Shared with Not shared. Only administrators can manage this folder.

19°C 8 Mostly cloudy

Search

22:28 05-01-2026

Home

Assets

Image

Video

MediaF...

3D

FinalTouch

Folders

Collections

Moderation

Studio

Portals

Creative Approval

App Marketplace

Structured Metadata

Transformations

[Overview](#)[Repositories 32](#)[Projects](#)[Packages](#)[Stars](#)[Type](#)[Language](#)[Sort](#)[New](#)

MdK7866-gif

[Edit profile](#)

2 followers · 3 following

**farmhelp**

Public

helps farmers to predict crops suitable to there farms using ML , and smart irrigation system

TypeScript Updated 3 minutes ago

**mk3**

Private

made all bills generalised

TypeScript Updated 4 days ago

**sodgine**

Public

a soduku solver engine

TypeScript Updated 2 weeks ago

**memory2**

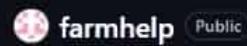
Private

second version of memory website

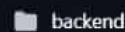
[Star](#)[Star](#)[Star](#)[Star](#)

8 19°C  
Mostly cloudy

[Search](#)ENG  
IN22:29  
05-01-2026

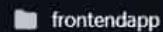


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