DAKSHA BHARDWAJ

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EDUCATION

VIT Bhopal University   Madhya Pradesh
Pursuing Bachelor of Technology in Computer Science and Engineering with a CGPA of 8.93   September 2023 - onwards
(Core)

St. Dominic's Sr. Sec School   Mathura, UP
Graduated Class XII in CBSE Board with 78.5%   June 2023

St. Dominic's Sr. Sec School   Mathura, UP
Graduated Class X in CBSE Board with 92.0%   June 2021

SKILLS

Technical Skills: Python, Java, C++, App Development, Android Development, Data Science
Tech Stack: Flask, Flutter, Bloc, Firebase, SQL, MongoDB, Matplotlib, Pandas, Numpy, Joblib, Scikit, Git, GitHub
Soft Skills: Public Speaking, Content Writing, Team Management

PROJECTS

HealthMitra - Medical Records Application   Sep 2024
- Designed and implemented a secure storage system for patient data, improving management and accessibility..
- Implemented Software Development Cycle with encrypted authentication and data storage.
- Technologies Used: Flutter, Flask, Firebase, Bloc.
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Crop Yield Solutions - Model training Scripts   Aug 2025
- Created a set of scripts to ease the model training process in agriculture based solutions, reducing errors.
- Addressed the issue of limited data size and infrastructure gaps, leading to more accurate predictions.
- Technologies Used: Python, Pandas, Numpy, Matplotlib

Yield Prediction Model - Agriculture based yield predictor   Sep 2025
- Solved the problem of predicting crop yield for specific food crops, providing data for agriculture planning..
- Used Random Forest Regressor model with 3 - fold CV for hyperparameter tuning.
- Technologies Used: Python, Flask, Joblib, Matplotlib, Scikit-learn, Seaborn

RESPONSIBILITIES

Staging Team Lead, The Fusion Club   Oct 2024 – Present
- Demonstrated strong public speaking and writing in over 3 events with more than 500+ participants.

ADDITIONAL

Achievements: 1. Secured 1st place in Silverzone IMO and 2nd place in Silverzone IOEL in the district.
       2. Presented a paper at an international conference on "Why not to involve AI in culture"
         sharing the research with over 100+ attendees