

# Yash Mhaskar

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## Technical Skills:

- **Languages:** Python, SQL
  - **API Development:** Django, Flask, Postman
  - **Data Analytics:** Excel, PowerBI, Tableau
  - **Databases:** Sqlite3
  - **CI/CD:** GitHub Actions, Docker, Render, Vercel
  - **Version Control:** Git, GitHub
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## Projects:

### Agrimate - [Live-link](#)

**Feb 2024 - Aug 2024**

- Developed a time series model for extrapolating monthly values of Rainfall per month.
- Can predict rainfall values up to next 24 months with good accuracy.
- Implemented User Registration and Login on multiple pages through Flask and sqlite.

**Tech Stack:** Python, ARIMA, PyTorch, sqlite, Streamlit

### RicePathBot - [GitHub](#)

**August 2024 - Ongoing**

- Built a model to classify images of rice into 4 different disease categories using a pre-trained CNN.
- Obtained 97% training accuracy and 90% testing accuracy.
- Integrate an NLP based chatbot to help provide necessary remedies and precautions about various diseases.
- Add a RAG - based LLM model to retrieve useful information from pdfs and help in understanding main points from important scientific or government documents.

**Tech stack:** Python, NLTK, Pytorch, Langchain, Ollama, Django

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## Volunteering Experience:

- **Intel AI Students Club, Lead:** Conducted and managed a 2-day GenAI workshop, connected an industry expert to students and helped them gain up to date knowledge regarding the current state of AI in the IT industry. Received 107 unique feedback responses, 93% responded with "Highly Satisfied".
  - **IntellexAI Students Association, Technical Coordinator:** Conducted various seminars and workshops for the students of my department. Developed an interactive gesture recognition game using various computer vision techniques at college annual techfest.
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## Achievements:

- **4th Rank VU Visionary Hackathon:** Problem Statement:- Lung Cancer Detection
  - **Kaggle - [Link](#) Notebooks Expert**
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## Publications:

- **Time Series Analysis - [Link](#)**  
An article on time series analysis and 3 methods for it written in easy to understand language.
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## Education:

1. **D.Y.Patil College Of Engineering, Akurdi:** B.E Artificial Intelligence And Data Science
  - 8.4/10 CGPA

**Nov-2022**