

# Priyanshu Doshi

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## Education

**Institute Of Technology, Nirma University**

july 2024 – july 2028

*Bachelor of Technology in Artificial Intelligence And Machine Learning*

- GPA: 9.29/10.0
- **Coursework:** Data Structures, OS, Networking, DBMS, OOPs, Cloud Computing, Software Engineering, Machine Learning

## Skills Summary

**Languages:** Python, C++, C, Javascript, HTML, CSS

**Frameworks/Libraries/Tools:** Supervised ML concepts, Sci-kit Learn, Numpy, Pandas, Matplotlib, Pytorch, Git,

**Environments/Systems:** Windows, Jupyter Notebook, GitHub, VS Code, CodeBlocks, Vercel, Leetcode

**Soft Skills:** Team Collaboration, Communication, Problem Solving, Adaptability, Time Management

## Projects

**Movie Recommender System (Python, Streamlit)**

 [Github](#)  [Live](#)

- Built a content-based recommendation engine suggesting similar movies using cosine similarity.
- Integrated TMDb API to display real-time posters of recommended movies.
- Deployed the web app on Streamlit Cloud with an intuitive and minimal UI.

**Tic-Tac-Toe AI Game (Python, JavaScript)**

 [Github](#)  [Live](#)

- Built a Tic-Tac-Toe game with PvP and unbeatable AI using the Minimax algorithm.
- Created a dynamic UI with custom pop-up modal and color-coded win highlights.
- Converted Python (Pygame) version into an interactive web app using JavaScript.



**AI Chatbot for Farmers**

 [Github](#)  [Live](#)

- Developed and deployed an AI chatbot for agricultural consultancy.
- Used Gemini API for accurate NLP responses on crops, soil, weather, and pests.
- Enabled real-time, informed decision-making for farmers.


## Hackathons Participated

- **Smart India Hackathon (SIH)** – National-level hackathon solving real-world problems.
- **NASA Space App Challenge** – Explored scientific and engineering ideas through collaborative tech.
- **Ahmedabad University – Ingenium Hackathon** – Participated in city-level competition with innovation-focused challenges.

- Applied machine learning techniques on multiple datasets, covering **feature engineering**, **data preprocessing**, and other advanced ML concepts.
- Built diverse projects across domains. [View Projects](#)  — [GitHub Repositories](#) .

## Certifications

Supervised Machine Learning: Regression and Classification DeepLearning.AI (in collaboration with Stanford University) - Coursera

- Built ML models using **NumPy** and **scikit-learn**, including **linear and logistic regression**, with concepts like **Gradient Descent** and **Regularization**.
- Completed with a score of **99.83%**. [View Certificate](#) .

## Achievements

- **Winner – CodeAdda Premier League (Codeforces)** (*Apr 2025*) – Secured 1st place in a university-wide competitive programming contest at Nirma University.
- **Reliance Foundation Scholar (2025)** – Awarded the Reliance Foundation Undergraduate Scholarship for academic excellence and leadership.