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:** Discrete Mathematics,Operating Systems, Computer Networks, Database Management Systems, Software Engineering, Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Data Mining, Big Data Analytics, Cloud Computing, AI Ethics, Reinforcement 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.