

Disha Vishwakarma

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EDUCATION

Sagar Institute of Science & Technology (SISTec), Gandhi Nagar, Bhopal
Bachelor of Technology in Artificial Intelligence & Data Science (CGPA: 8.09)

August 2021 – June 2025

Laxmi Devi Vidyomal Shroff H. S. School, Bhopal

12th (Percentage: 92.8%)

April 2020 – Mar 2021

10th (Percentage: 92.6%)

April 2018 – Mar 2019

SKILLS

- **Programming Languages:** Python, SQL
- **Machine Learning:** Deep Learning, Neural Networks (CNN, ANN), NLP, Computer Vision, Transfer Learning, Data Preprocessing, Data Analysis.
- **Web Development:** HTML, CSS, Flask.
- **Tools/Technologies:** VScode, Jupyter Notebook (Anaconda3)
- **Soft Skills:** Team Work, Problem Solving

EXPERIENCE

Software Developer Intern, FoCDoT Technologies

Jul 2024 – Sep 2024

- Developed and deployed fraud detection system handling imbalanced data (0.17% fraud cases), achieving 92% accuracy through advanced sampling techniques and ensemble methods
- Engineered sentiment analysis model achieving 83% accuracy using TF-IDF and Word2Vec, processing 10,000+ customer feedback entries monthly
- Implemented CNN-based emergency vehicle detection system with 81% accuracy, reducing model training time by 40% through transfer learning optimization

PROJECTS

Deep Learning Fruit Analysis System

Aug 2024 – Oct 2024

Flipkart Grid 2024 Semi-Finalist

[Link](#)

- Achieved 88% classification accuracy using TensorFlow/VGG16 model with data augmentation and transfer learning techniques
- Classified 8 classes on the basis of Rotten/ Fresh Fruits.
- Technologies: Python, TensorFlow, Keras, VGG16

Gender & Age Detection System

Mar 2024 – Apr 2024

Mentor: Dr. Vasima Khan |

[Link](#)

- **Real-Time Prediction:** Developed a system to predict gender and approximate age from live webcam feeds in real-time.
- **Deep Learning Implementation:** Leveraged advanced deep learning techniques using TensorFlow and Keras for accurate predictions.
- **Image Processing and UI Development:** Integrated OpenCV for image processing and built a user-friendly interface with Flask, HTML, and CSS.
- **Technologies Used:** Python, TensorFlow, Keras, OpenCV, Flask, HTML, CSS.

Additional Projects: [Book Recommendation System](#), [Next Word Recommendation System](#)

CERTIFICATIONS

Introduction to Machine Learning | NPTEL

[Link](#)

- Completed a comprehensive program covering fundamental concepts in machine learning (July 2023 – October 2023).
- Gained insights into key algorithms, techniques, and applications.

Programming Essentials in Python | Cisco Networking Academy

[Link](#)

- Acquired hands-on experience with foundational Python programming concepts.
- Enhanced problem-solving skills through coding exercises.

Coding Profile: [LeetCode](#) | [HackerRank](#) | [GeeksForGeeks](#)