

# NITYA MEHTA



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## CERTIFICATIONS

### Machine Learning Specialization

April 2025

(DeepLearning.AI, Stanford on Coursera)

### Python for Machine Learning & Data Science Masterclass

May 2025

(Udemy)

## ACHIEVEMENTS & LEADERSHIP

### Head of Content Writing and Editing Team

(February 2025- Present)

- Led the content creation and editing of the college magazine and newsletter, ensuring high-quality publication.

### Head Coordinator - Esports Events

(February 2025- Present)

- Managed and organized Valorant tournaments and esports events, boosting student engagement and participation.

## LANGUAGES

- English
- Hindi
- Gujarati

## PROFILE SUMMARY

Aspiring Machine Learning Engineer skilled in Python, Scikit-learn, and end-to-end data science workflows from EDA to model deployment with Streamlit. Passionate about solving real-world problems using AI, with proven leadership, communication, and version control experience

## EDUCATION

### Bachelor of Engineering in Computer Science

2022 - 2026

New L.J. Institute of Engineering and Technology  
Ahmedabad India

CGPA: 9.96

## SKILLS

- Programming:** Python, HTML, CSS
- ML & AI:** Supervised & Unsupervised Learning, Evaluation, Optimization
- Libraries:** Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib
- Tools & IDEs:** Jupyter Notebook, Google Colab, VS Code
- Deployment:** Streamlit, Git, GitHub
- Data Handling:** EDA, Data Cleaning, Feature Engineering

## PROJECTS

### Formula-1 Race Winner Prediction

April 2025

[GitHub Repo](#) | [Live App \(Streamlit\)](#)

- Built a machine learning model using Python, Scikit-learn, and XGBoost to predict Formula 1 race winners using historical data, driver stats, and weather conditions.
- Achieved high accuracy through feature engineering and hyperparameter tuning; deployed the model via Streamlit as an interactive dashboard for real-time analysis