



# Venkatakrishnan E

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## Summary

Second-year B.Tech student in Artificial Intelligence at IIT Gandhinagar with expertise in Machine Learning.

## Education

B.Tech in Artificial Intelligence, IIT Gandhinagar | 2023–2027

CPI: 8.74 | SPI: 9.18

Grade 10/10 in Machine Learning

Class 12, Geetanjali Olympiad School, Bengaluru | 2023

Grade: 95%

Class 10, National Centre for Excellence, Bengaluru | 2021

Grade: 94.4%

## Skills

- Programming Languages: Python, C, C++
- Machine Learning Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn
- Artificial Intelligence: Deep Learning, Generative AI
- Web Development: React.js, FastAPI, JavaScript, CSS

## Projects

IDPAC AI (LangChain, Pinecone, Streamlit)

- Intelligent Document Parsing
- Conversational AI Integration

Student Course Management System (FastAPI, SQLAlchemy)

- Designed and developed an end-to-end REST API for managing students and courses using FastAPI.
- Implemented key functionalities such as student registration, course assignment, and grade tracking.

Flight Price Prediction (Flask, Random Forest, Bootstrap)

- Implemented a Flight Price Prediction system using Random Forest, achieving high accuracy.
- Built a user-friendly web interface with Flask and Bootstrap.

## Positions of Responsibility

- Class Representative, Artificial Intelligence, IIT Gandhinagar | Aug 2024 -Present
- Senior Marketing Executive, TEDxIITGandhinagar | July 2024 - Present

## Achievements

- JEE Advanced 2023: AIR 2341
- JEE Mains 2023: AIR 3464