

ADITYA

Deepa Nilayam, 4th Main Cross KR Garden, Bengaluru, Karnataka

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EDUCATION

CMR Institute of Technology, Bangalore

December 2022– July 2026

B.E. in Artificial Intelligence and Machine Learning

Kendriya Vidyalaya NAL Campus, Bengaluru

September 2020– July 2022

Senior Secondary

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Operating System
- Machine Learning
- Software Engineering
- Database Management
- Computer Networks
- Deep Learning

PROJECTS

Automated Machine Learning Pipeline

Python, Streamlit, Scikit-learn, Pandas, NumPy

- Built an end-to-end automated ML pipeline supporting classification, regression, and clustering tasks.
- Implemented automated data preprocessing, EDA, feature engineering, model training, and evaluation.
- Developed an interactive Streamlit interface to upload datasets, select targets, and compare model performance.

Real-Time Face Recognition System

Python, OpenCV, Machine Learning, Haar Cascades

- Developed a real-time face recognition system using OpenCV and machine learning techniques.
- Implemented face detection using Haar Cascade classifiers and trained models on custom datasets.
- Enabled live face recognition through webcam video streams with efficient preprocessing.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, SQL
- **Libraries / Frameworks:** NumPy, Pandas, Matplotlib, TensorFlow, scikit-learn, Streamlit, PyTorch, Keras, OpenCV
- **Tools and Technologies:** Git, Linux, PowerShell, Jupyter Notebook

CERTIFICATIONS

- DSA with Java – Apna College
- Web Development – Apna College

HACKATHONS

- Top 20 – Apticode Hackathon 2025
- **Rank 1** in AI-thon 2025 conducted by **BITS-Pilani**
- **Rank 3** in **Code Conquest** 2025 conducted by BITS-Pilani