

# Adith Jose

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## Skills

- **Languages** - C++, Python, HTML, CSS, Java.
- **Tools** - Pandas, TensorFlow, NumPy, SQL.

## Education

**VIT Bhopal University(2022-2026)**  
BTech Major in Computer Science and Engineering with  
Specialisation in Artificial Intelligence and Machine Learning

Bhopal, Madhya Pradesh  
Cumulative GPA: 8.79

**Father Agnel School** (July 2021)  
12<sup>th</sup> Standard- CBSE(Central Board of Secondary Education)

Percentage: 91.2%

**Father Agnel School** (July 2019)  
10<sup>th</sup> Standard- CBSE(Central Board of Secondary Education)

Percentage: 91.6%

## Projects

### Hospital Management System

(June 2020-July 2024)

- Developed advanced hospital management systems, combining SQL and Python to enhance functionality and streamline operations.
- Designed new functionalities that significantly improved user interaction over 40 percent and ensured seamless workflows for healthcare professionals..
- Enhanced online consultation and face-to-face diagnosis processes, achieving a 30 percent increase in the user database and overall satisfaction..
- **Tech Stack:** Utilized SQL and Python to develop and enhance hospital management systems, integrating these technologies to build efficient and scalable solutions.

### Movie Classification System

(December 2024)

- Developed a movie classification system using K-Nearest Neighbors (KNN) to classify different movie genres.
- Collected & Preprocessed movement data from 300+ samples, ensuring data quality through normalization and feature scaling.
- Trained & Evaluated the model on a dataset with 80-20 train-test split, achieving 48% accuracy in classifying distinct types.
- Optimized Performance by experimenting with different K values (from 3 to 15) and distance metrics (Euclidean, Manhattan).
- **Tech Stack:** Python, Scikit-Learn, NumPy, Pandas, Matplotlib.

## Achievements & Extracurriculars

- 4-star rating in Java and Python on HackerRank.
- Solved 100 + Data Structures and Algorithms questions on various platforms

## Notable Certifications

- **Privacy and Security in Online Social Media:** Certification provided by IIIT Hyderabad(80%) 
- **Applied Machine Learning:** Earned certification from University Of Michigan(92%). 