

# A.Sanjana Senapati

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

8.75 CGPA

July 2021 - July 2025

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, MySQL, Java, Excel

**Tools and Technologies:** Pandas, Matplotlib, NumPy, Seaborn, TensorFlow, Postman, Power BI, AWS

**Concepts:** Deep Learning, CV, Data Structures and Algorithms, DBMS, Operating Systems, Computer Networks, OOPs

**Other:** Git, Nvidia DeepStream, TensorRT (basic), Model Deployment (Flask, Docker)

## PROJECTS

### AI-Powered Customer Subscription Prediction | AI/ML Project

May 2024 - June 2024

- Uses machine learning to analyze customer app behavior and predict subscription likelihood, leveraging Matplotlib and Seaborn to identify trends and patterns.
- Implements feature selection, preprocessing, and classification models for accurate predictions.
- Provides insights to enhance customer engagement and boost subscription rates. Uses Pandas and NumPy for efficient data cleaning, transformation, and manipulation.

### Personalized Medical Recommendations with AI | AI/ML Project

November 2023 - March 2024

- Developed a system leveraging advanced machine learning models to predict diseases accurately based on user-input symptoms.
- Designed a user-friendly web application providing tailored recommendations for medicines, prescriptions, and workout routines while ensuring data privacy and security.
- Improved model accuracy and user engagement with feedback while creating a seamless HTML frontend. Used Python (Pandas, NumPy, Matplotlib, Seaborn) to analyze patient data and predict disease risks.

## CERTIFICATIONS

### Python, Kaggle

Kaggle

21 January, 2023

### SQL for Data Science, SCALER

SCALER

23 April, 2023

### AWS Certified Solution Architect

AWS

10 July, 2024

### Machine learning with python

COGNITIVE CLASS.ai

Oct 16, 2023

## EXTRA-CURRICULAR AND ACHIEVEMENTS

### Responsibilities |

- Core Member and Team Lead, Management Team, Odia Club, VIT Bhopal (April 2023 - May 2024) – Led cross-functional teams to enhance project efficiency and streamline operations through strategic process improvements.
- Core Member of the Technical Team, FinTech Club (January 2023 - April 2024), developed financial models and led blockchain workshops, improving club projects by 20% and member engagement by 30%.
- Achieved scholarships of 18,000 rupees and 10,000 rupees for outstanding performance in **8th NMMS** and **10th** board exam.

### Achievements |

- **Core Member Recognition:** Demonstrated strategic leadership and team facilitation skills to coordinate cross-functional teams, arising in a 33% increase in project efficiency.
- **Led Design Team:** Successfully managed major events with budgets over Rs 1 Lakh, earning accolades within the Odia Club, Year 2024.