

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

Languages: Java, MySQL, Python, Excel

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

Skills: DBMS, Operating System, Computer Network, OOPs

PROJECTS

AI-Powered Customer Subscription Prediction | *Analysis 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 | *Analysis 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

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.