

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: Python, Java, MySQL, JavaScript, TypeScript, HTML/CSS, Excel

Technologies: FastAPI, Flask, Pandas, NumPy, Matplotlib, Seaborn, Postman, Power BI, WebSocket, AWS, MongoDB

Concepts: API Development, Real-time Communication, DBMS, Operating Systems, Networking, OOPs

Deployment: AWS Certified, GCP (basic), Docker, Git, GCP Cloud Run

PROJECTS

AI-Powered Customer Subscription Prediction | *Analysis Project*

May 2024 - June 2024

- Boosts subscriptions and engagement using Pandas and NumPy for efficient data processing.
- Implements feature selection, preprocessing, and classification models for accurate predictions.
- Optimizes data with Pandas and NumPy to drive insights, enhance engagement, and boost subscriptions.

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 app offering personalized medicine, prescription, and workout suggestions with data privacy.
- 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.

Meditech | *Full Stack*

November 2023 - March 2024

- Built a full-stack Hospital Management System with patient, doctor, and appointment management to streamline operations.
- Integrated a secure medical records system ensuring data privacy and healthcare compliance.
- Built a responsive UI using Python, Flask, HTML, CSS, and JavaScript for seamless hospital operations.

CERTIFICATIONS

Python, Kaggle

21 January, 2023

Kaggle

SQL for Data Science, SCALER

23 April, 2023

SCALER

AWS Certified Solution Architect

10 July, 2024

AWS

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.