

Thota Dakshyani Sanjana

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EDUCATION

B.Tech in Computer Science and Engineering , GITAM university CGPA : 9.65	2022 - 2026
Intermediate (12th) MPC , Visakha Valley, Visakhapatnam GRADE : 67.8%	2020 - 2022
10th Standard , Sri Sathya Sai Vidhya Vihar, Visakhapatnam GRADE : 87.2%	2018-2020

SKILLS

Languages:	Python, Java, JavaScript,C
Frontend Technologies:	HTML, CSS,ReactJS
Backend Technologies:	NodeJS,Angular
Database Technologies:	MySQL
Artificial Intelligence:	Machine Learning, Deep Learning
Other Tools/Technologies:	Windows, Cyber Security tools
Soft Skills:	Leadership,Time Management, Effective Communication, Problem-solving, Adaptability

PROJECTS

AI-Powered Itinerary Planner

Developed a smart travel itinerary planning application that generates personalized schedules based on user preferences, time availability, and budget constraints. Integrated a machine learning model to optimize routes and suggest ideal destinations. Built with a Python-Flask backend and a dynamic front end using HTML, CSS, and JavaScript, delivering an intuitive and interactive user experience.

Skills: Python, Flask, HTML, CSS, JavaScript, Machine Learning, Route Optimization

Real-Time Face Recognition System

Engineered a real-time face recognition system using Python, OpenCV, and deep learning techniques. Trained Convolutional Neural Networks (CNNs) for high-accuracy recognition and implemented Haar cascade classifiers along with Dlib's facial landmark detection for robust feature extraction. The system demonstrated reliable and fast performance across diverse lighting and angle conditions.

Skills: Python, OpenCV, CNNs, Dlib, Haar Cascades, Deep Learning

Student Dropout Analysis System

Developed a data-driven student dropout prediction system to identify at-risk students using key academic, demographic, and behavioral indicators. Applied machine learning algorithms to analyze patterns and forecast dropout likelihood, enabling early intervention. Provided actionable insights through visualizations and predictive models.

Skills: Python, Pandas, Scikit-learn, Machine Learning, Data Analysis, Matplotlib/Seaborn

Hospital-Patient Medical Record Management System

Built a comprehensive medical record management system to streamline patient data handling for hospitals. Enabled secure storage, retrieval, and updating of patient records, diagnoses, prescriptions, and visit history. Developed a user-friendly interface with structured database integration to improve efficiency and accuracy in clinical environments.

Skills: Python, MySQL , HTML, CSS, Database Design, CRUD Operations

ACHIEVEMENTS

- Served as **Student Life Associate (2024–25)**; organized major events like Esperanza, Halloween, Garba Groove, Club Fiesta, and Onam
- **Led hospitality team** for Shore2K25, ensuring smooth event operations
- **Club Buddy** for Korean Culture Club (KCC), GitHub, and Meta Developers Community (MDC); supported multiple club events
- Volunteered for **EduMeet**, an anti-drug awareness event in collaboration with The Art of Living
- Contributed to **UDAAN** initiatives: Mental Health Walk, Cognitive Carnival, Gratitude Walk
- Helped team win **3rd prize in Nasha Mukh Bharat** competition through ideation and video production
- Participated in an **international symposium** and **Smart India Hackathon (SIH)**
- Member of **Tech in Agrow** and **ACM Social Media** teams
- Actively involved in **social media marketing, logistics, and student mentorship**
- Among **top performers** in SLA mid-year review for leadership and teamwork

CERTIFICATIONS

- [C for Everyone: Programming Fundamentals](#)
 - [Python Data Structures](#)
 - [SQL and Relational Databases 101](#)
 - [Introduction to Software Engineering](#)
 - [Foundations: Data, Data, Everywhere](#)
 - [Introduction to Data Analytics](#)
 - [Effective Problem-Solving and Decision-Making](#)
 - [Software Testing](#)
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