

# M SANJANA

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## 1 EDUCATION

**G. Narayanamma Institute of Technology and Science (GNITS)**, Hyderabad  
2022 – Present  
B.Tech in Information Technology – **CGPA: 9.01/10**

**Vedhantu College**, Hyderabad  
2020 – 2022  
Class 12, Science (PCM) – **96.5%**

**Akshara The School**, Hyderabad  
2018 – 2020  
Class 10 – **100%**

## 2 TECHNICAL SKILLS

**Languages:** Python, SQL, PL/SQL, Java (basic)

**Databases:** Oracle, MySQL, MongoDB

**Tools:** Google Sheets, MS Excel, Google Workspace, VS Code, Android Studio

**Web Tech:** HTML, CSS, JavaScript

**Strengths:** Data Analysis, Problem Solving, Critical Thinking, Teamwork

## 3 PROJECTS

**Real-Time Database Application: Sports Participation Analysis — SQL, PL/SQL, Oracle**

- Designed a real-time database to analyze sports participation data for trends and insights.
- Implemented ER modeling, data normalization, triggers, cursors, and optimized queries.
- Delivered structured reports improving data retrieval efficiency and accuracy.

**InsureSim – AI-Powered Policy Analyzer — MERN Stack, AI**

- Developed full-stack app to analyze health insurance policy PDFs and extract key data points.

- Designed dashboards with React/Node.js; stored structured metadata in MongoDB.
- Improved accessibility of policy details for users by automating data extraction and analysis.

#### **AI-Powered Video Analysis App — Mobile App, Google AI Studio**

- Built app to analyze presenter’s tone, pitch, volume, and body language in real-time.
- Designed analytics pipeline for extracting quantitative metrics from unstructured video data.
- Provided insights into confidence, structure, and vocabulary for presentation improvement.

#### **Object Detection Model Using YOLOv5 — Python, YOLOv5**

- Trained AI model to detect facial expressions and gestures using YOLOv5.
- Processed and labeled large datasets, achieving high detection accuracy.

## **4 ACHIEVEMENTS**

**MatHack 1.0 (AI Hackathon, T-Hub)** – 2nd Place Winner May 2024  
Developed “Social Media Usage and Mental Health Tracker” app; selected among 37 finalists from 900+ teams.

**Tech Savishkaar 2.0 (Vasavi College of Engineering)** – 2nd Place Winner Apr 2024  
Built Agrotech Sustainable Development solution; ranked 2nd among 470 teams nationally.

**ZIGNASA 2k23 Hackathon (MLR Institute of Technology)** Dec 2023  
Participated in 24-hour hackathon focused on Python Full Stack development.

## **5 CERTIFICATIONS**

Python Programming – Infosys

SQL RDBMS (PwC Tech & Transformation Launchpad)

Networking Devices – Cisco

Cloud Computing – Infosys

AI Foundation – Hexart