

M Sanjana

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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%

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

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.

ACHIEVEMENTS

- **MatHack 1.0 (AI Hackathon, T-Hub)** – 2nd Place Winner (May 2024). Developed 'Social Media Usage and Mental Health Tracker'; finalist among 900+ teams.
- **Tech Savishkaar 2.0** – 2nd Place Winner (Apr 2024). Built Agrotech & Sustainable Development solution; ranked 2nd among 470 teams.
- **ZIGNASA 2k23 Hackathon** – Participant (Dec 2023). 24-hour hackathon on Python Full Stack development.

CERTIFICATIONS

- Python Programming – Infosys
- SQL & RDBMS – PwC Tech & Transformation Launchpad
- Networking Devices – Cisco
- Cloud Computing – Infosys
- AI Foundation – Hexart