

DIRSIPAM SAM SUNDAR

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PROFILE SUMMARY

B.Tech Computer Science (AI & ML) undergraduate with strong fundamentals in programming, data analysis, and software development. Hands-on experience in building, testing, and deploying machine learning models and web applications. Skilled in understanding requirements, maintaining technical documentation, and collaborating effectively in team-based environments.

TECHNICAL SKILLS

- **Languages:** C++, Java, Python, SQL, HTML, CSS
- **Frameworks & Libraries:** Flask, TensorFlow, Keras
- **Databases & Tools:** MySQL, MongoDB, Git, GitHub, Microsoft Office, Google Workspace

EDUCATION

CMR Engineering College, Hyderabad, Telangana

B.Tech in Computer Science and Engineering(AI&ML)

Expected, May 2026

CGPA: 7.84

Narayana Junior College, Hyderabad, Telangana

Intermediate - MPC (Math, Physics & Chemistry)

June 2022

Percentage: 95.1%

Hindu Public School, Hyderabad, Telangana

CBSE - Class X

June 2020

Percentage: 77.8%

EXPERIENCE

ACADEMIC & PROJECT EXPERIENCE

AI - Driven Crop Disease Management ([Github](#)) | Python, CNN, Flask API

- Built a web application that takes plant leaf images and returns disease predictions in real-time.
- Integrated a CNN model and validated (**92% accuracy**) via a REST API, improving usability and deployment reliability.
- Improved input handling and preprocessing to achieve faster response times and improved model consistency.

Student Stress Level Prediction ([Github](#)) | Python, Scikit-learn, ML Algorithms

- Built a machine learning classifier to predict student stress levels using academic and survey data.
- Applied Decision Trees, Random Forest, and SVM, achieving **85% accuracy** in classification tasks.
- Analyzed and evaluated models using precision, recall, and F1-score to support early stress identification initiatives.

Job Portal Application ([Github](#)) | React, Node.js, MongoDB

- Built a full-stack job portal allowing recruiters to post jobs and candidates to search and apply through a web interface.
- Implemented user authentication, job listings, and application tracking using RESTful APIs.
- Designed MongoDB schemas for users, jobs, and applications to support efficient data handling.

LEADERSHIP EXPERIENCE

Event Management Lead - Computer Society of India (Hyderabad Chapter)

- Led a 15-member team to plan and execute 5+ technical events supporting defined operational processes.
- Increased student participation by **40%** and recognized as **Outstanding Volunteer of the Year – 2025**.

ADDITIONAL INFORMATION

- **Music production and basic audio/video editing** – working knowledge of editing workflows, with a focus on structure, timing, and attention to detail.