

Profile Summary

I am a Computer Science and Engineering student with hands-on experience in Python, SQL, machine learning, and basic full-stack development. I am interested in building data-driven and software solutions to solve real-world problems.

Education

Degree	Institute	CGPA / %	Year
B.Tech	MIT Manipal	6.44	2022 - Present
Class XII	Narayana Junior College,Hyderabad	94.8%	2021 - 2022
Class X	Narayana English Medium School,Proddatur	98.1%	2019 - 2020

Experience

- Intern - Software Development :** May 2025 - Jul 2025
Trans Global Geomatics Pvt Ltd
 - Contributed to the development of a Training Management Application using React,working on features for instructor and student management, scheduling, attendance tracking, and leave management.
 - Developed modules for report generation, practical session allocation, and instructor activity monitoring, helping reduce manual effort for the admin team.

Projects

- Amazon Product Review Analysis :** Sep 2025 - Nov 2025
 - Analyzed Amazon product reviews to solve rating prediction, review classification, and helpfulness prediction tasks.
 - Integrated traditional machine learning methods with advanced deep learning techniques to improve accuracy.
 - Focused on enhancing both the performance and clarity of review analysis results.
- Recipe Generator Hub :** Oct 2024 - Dec 2024
 - Built a web application for creating and managing recipes based on available ingredients.
 - Enabled users to manually add recipes or use an AI-powered feature (OpenAI API) to generate recipe suggestions and nutrition information.
 - Implemented user login, personal dashboards, and a categorized recipe collection by cuisine and meal type. Developed using **Django (backend)** and **HTML/CSS (frontend)**, with **pyttsx3** integration to read out recipe.
- Library Management System :** Jan 2025 - Apr 2025
 - Developed a Library Management System using Java (JFrame) and MySQL.
 - Implemented multiple user roles including admin login, librarian login, and student login.
 - Designed comprehensive interfaces for managing students, managing books, managing librarians, and viewing statistics.
 - Built detailed librarian and student login modules with dedicated functionalities.
- Indian Sign Language Detection :** May 2025 - Dec 2025
 - Built a system to recognize Indian Sign Language alphabets (A-Z) and digits (0-9) using machine learning.
 - Implemented models like KNN, SVM, Logistic Regression and CNN for sign classification.
 - Converted detected hand signs into text and speech for better communication support.

Technical Skills And Interests

- Languages :** C, Python, Java, Javascript
- Frontend and Backend :** React, HTML, CSS, Django, REST APIs
- Databases and Cloud :** SQL, MYSQL, Microsoft Azure(Basics)
- Revevant Coursework :** Database Systems, Operating Systems, Data Structures and Algorithms, Object Oriented

Achievements and Certifications

- Kabaddi - Runner-Up** | Manipal Institute of Technology
- Cisco Networking Academy** | Cisco Certified Network Associate (CCNA)
- Python Programming Fundamentals** | Microsoft