

G Santhosh

4th Year Undergraduate
Computer Science Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 - Present	B.Tech	Kommuri pratap reddy institute of technology,Hyderabad	8.2/10
2022	TSBIE(XII)	Govt Junior College, Lingampet	95.8%
2020	SSC(X)	Zilla Parishadh High School, Bhavanipet	100%

Scholastic Achievements

- Secured a rank of **54320** in **TS-EAMCET 2022** among the 1.5 Lakh candidates.
- Received the **Academic Excellence Award** for exceptional academic performance in 2019-2020 academic session.
- scored 64% in JEE Mains 2020.

Experience

- Advisors and consulting services job simulation (Jan-2025)
- completed the tasks given by the Mastercard private limited associated with Forage

Key Projects

- **Real time traffic sign detection and translation for visually impaired pedestrians** (July-August 2024)
 - developed a real-time computer vision system to detect and recognize traffic signs using python, openCV, and deep learning models (CNN/YOLO).
 - implemented image-to-text translation of detected signs and converted them into audio feedback for visually impaired pedestrians..
 - optimized the system for low-latency detection to provide instant alerts and improve pedestrian safety.

Technical Skills

- **Programming Languages:** C, HTML, CSS, Javascript, Python, Java.
- **Software and Libraries:** numpy,pandas,matplotlib,random forest,decision tree,classification and regression.
- **version control:** github,git,jenkin,docker.

Positions of Responsibility

- **worked as a coordinator for AAROHAN 2024 college event** (April 2024)
 - Guided and mentored students in acclimatizing to the Environment of the Institute.
 - Advertising for the event and raised the fund for the event from college and management and students.
- **Volunteer, NSS-KPRIT** (2022-Present)
 - visiting the nearby villages and doing the awareness programs to educate people on how to improve their living standards
 - Making people to know about the importance of reforestation, cleanliness ,education of children,health,and protecting the lives of domestic animals
 - Free distribution of books to children.
- **coordinator, KURUKSHETRA Games 2025** (March 2025)

Relevant Courses

Data Structure and Algorithms Fundamentals of Computing Introduction to Electronics Probability and Statistics Machine Learning Digital Electronics and Microprocessor Technology*(ongoing)	Signal, Systems and Networks Linear algebra and Differential Equations Microelectronics Introduction to Economics Python crash course Principles of Communication*(ongoing)
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Extra-Curricular Activities

- Won in badminton event during Inter department competitions 2024 at KPRIT.
- Participated in many webinars related to AI,ML and DS.