

SIRIKONDA GANGOTHRI

Undergraduate - VNR Vignan Jyothi Institute Of Engineering & Technology

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CAREER OBJECTIVE

To obtain a challenging position in a growth-oriented organization where I can effectively apply my technical and interpersonal skills to contribute to its success, while continuously enhancing my knowledge, embracing new challenges, and evolving professionally in a dynamic work environment.

EDUCATION

B.Tech in Information Technology

VNR Vignan Jyothi Institute Of Engineering & Technology-Hyderabad

📅 2022 – 2026 CGPA: 8.97

Class XII

Narayana Junior College-Hyderabad

📅 2020 – 2022 Percentage: 98.8%

Class X

Sadhana High School

📅 2020 Grade: 10.0

PROJECTS

Optimizing Intrusion Detection System through Early Warning Signal Generation (Cybersecurity Project)

- Designed a real-time IDS in Python using statistical features (kurtosis, skewness) to detect anomalies and generate alerts based on early warning signals prior to DDoS attacks.
- Built an interactive GUI with time series visualizations to monitor traffic patterns & display real-time early warning alerts.

AI-Driven Fire Recognition in Image Data

- Developed an AI system for detecting fire in images using Naive Bayes and SVM classifiers for accurate fire vs. non-fire classification.
- Managed image preprocessing and model training, integrating real-time predictions and visualizations using scikit-learn.

Certificate Generator

- Developed a Python-based application to generate customized certificates in bulk by extracting data from Excel sheets and embedding it into a pre-designed template.
- Ensured smooth file management by saving certificates in both image (PNG) and PDF formats, utilizing libraries such as Pillow, img2pdf, and openpyxl.

SKILLS

- Programming Languages: C, C++, PYTHON
- Database : SQL
- Web Development : HTML, CSS, Java Script, React JS, Node JS, MongoDB
- OOPS
- Data Structures and Algorithms
- CS Fundamentals: Operating System, Computer Networks, Data Base Management System

ACHIEVEMENTS & PARTICIPATIONS

- Actively participated in WCC 3.0 and WCC 4.0 coding contest by ACM VNRVJIET
- Finalists in InnoVision 2K24 by Gamma Club, VNRVJIET
- Participated in Smart India Hackathon 2023
- Participated in Flipkart GRiD 6.0 – Software Development Track.

EXTRA CURRICULAR ACTIVITIES

- Active Volunteer in Technical team and Member of ACM VNRVJIET
- Member of Street Cause

STRENGTHS

- Communication
- Problem Solving
- Teamwork