

Sirigadde Shashank

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CAREER OBJECTIVE:

Motivated and dedicated student seeking an opportunity to apply academic knowledge and develop practical skills professionally. Looking for a role in a dynamic organization where I can contribute to the team, gain valuable experience, and support company objectives.

EDUCATION DETAILS:

- **B.Tech in Electronics Communications and Engineering,**
VNR Vignana Joythi Institute of Engineering and Technology [CGPA: 8.49] .
- **Intermediate(MPC),** NARAYANA INSTITUTIONS [Percentage: 96%] .
- **High School,** CHAITANYA VIDYALAYAM [CGPA: 9.8] .

SKILLS:

Technical skills: C, C++, Python, SQL, Matlab, Verilog, Tanner tools .

SoftSkills: Leadership Qualities, Project Management, Ability to manage peer pressure .

PROJECTS:

- **Music Data Mining: Scraping Popular Artists and Tracks from JioSaavn with Python:**

Developed a web scraping tool in Python to extract and analyze popular artists and tracks from JioSaavn, using requests for data retrieval, BeautifulSoup for HTML parsing, pandas for data manipulation, and re for text processing.

- **Vehicle Accident Detection and Alert system using Gsm and Gps Module:**

Designed and developed a real-time vehicle accident detection system leveraging GSM and GPS modules for instant alert generation. The system detects collisions using sensors and transmits the accident's location to predefined contacts via SMS. Integrated microcontroller-based circuitry for precise data processing and rapid communication. Enhanced road safety by enabling timely assistance in emergency scenarios.

- **Diameter Calculation Of A Pictorial Object Using Matlab:**

Developed a MATLAB-based system to calculate the diameter of circular objects in images with high accuracy. Utilized image processing techniques such as edge detection and contour analysis to identify object boundaries. Automated measurements for consistent results across varying image resolutions. Simplified manual calculations, enhancing efficiency in applications requiring precise object sizing.

WORKSHOPS:

- Attended Drone workshop held in VNR Vignana Jyothi Institute of Engineering and Technology.
- Attended PCB Design Workshop conducted in VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

CERIFICATIONS:

- Certification on MySQL Database by Scalar.
- Certification on Autosar architecture by Udemy.

Extra-Curricular Activities:

- Active member in Art of living club.
- Active member in IEEE student chapter.