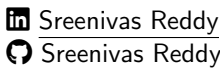# Srinivasulu Reddy Donthireddy

Sreenivas Reddy
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EDUCATION

Narayana Engineering College, Gudur　　　　　　　　　　　　　　**2025**
Bachelor of Technology in Computer Science Engineering　　　　　　**CGPA: 9.0**

SKILLS SUMMARY

Languages: Python, SQL, R
Frameworks: Numpy, Pandas, Matplotlib
Tools: Power BI, Networking, Cybersecurity, ML, CNN & NLP, AI, Cloud Computing
Platforms: PyCharm, Jupyter, Spyder, Visual Studio, Anaconda

WORK EXPERIENCE

Intern – Indian Servers　　　　　　　　　　　　　　　　　　**Jan – Mar 2024**

- Developed YOLO models and implemented NLP/CNN techniques.
- Identified system vulnerabilities and recommended security improvements.

PROJECTS

DDOS Attack Classification & Prediction *[Link]*

- Built an ML model to detect DDOS attacks using network traffic data.
- Achieved real-time detection with optimized preprocessing.

System Vulnerability Detection *[Link]*

- Automated vulnerability scanning using Python and open-source tools.
- Suggested system patches based on scan analysis.

Generative AI Projects *[Link]*

- Developed generative models for text and image creation.
- Applied prompt engineering for enhanced AI outputs.

Data Structures and Algorithms Practice *[Link]*

- Solved coding problems with a focus on time-space optimization.
- Strengthened logic in arrays, graphs, trees, and DP.

YOLO for Real-World Problem Solving *[Link]*

- Applied YOLOv5 for object detection in surveillance use-cases.
- Enabled real-time alerts through live camera integration.

LLM-Based Search Engines *[Link]*

- Created semantic search engines using OpenAI API and embeddings.
- Enabled accurate NLP-based query understanding and results.

CERTIFICATES

Python Programming using DSA　　　　　　　　　　　　　　　　**2023**

- Learned DSA implementation in Python for efficient problem-solving.
- Applied concepts in real-world logic building and testing.

Intro to CNN & NLP and Cybersecurity　　　　　　　　　　　　**2023**

- Understood key AI architectures and threat models.
- Developed prototypes for NLP and secure systems.