Contact

+91 7981581668

https://www.linkedin.com/in/venkata-srihari-47a6b7251

Venkatasrihari.b_2025@woxsen.edu.in

H-No: 1EME Centre, Secunderabad, Hyderabad

https://github.com/Sriharibvrsh077

Academics

- Woxsen University, Hyderabad (2021 - 2025) | BTech - AI & Data Science
- Narayana Junior College, Vijayawada (2019 - 2021) | MPC
- Narayana EM School, Kurnool (2018 - 2019) | 10th

Technical Skills

- **Programming Languages**: Python, JavaScript
- **Machine Learning Frameworks**: TensorFlow, PyTorch, Scikit-learn, Keras
- **Web Development**: HTML, CSS, JavaScript

Professional Skills

- Leadership
- Adaptability
- Teamwork
- Time Management

Certifications

- Exploratory Data Analysis for Machine Learning
- AI for Everyone (2023)
- Sorting Students' Marks Using Bubble and Insertion Algorithms (2023)
- Data Visualization with Python (2023)
- Python for Data Science, AI & Development

B. Venkata Srihari

BTech - Artificial Intelligence and Data Science

Objective:

Passionate AI & Data Science student with hands-on experience in developing innovative solutions for real-world problems. Adept at problem-solving, teamwork, and delivering impactful results. Strong leadership and adaptability skills, eager to contribute to AI and data-driven advancements in a professional setting.

Internships:

AI Research Intern

Centre for Human Security and Studies (CHSS), Hyderabad **Feb 2024 - June 2024**

- Developed an AI-powered camera system to detect fishermen near shipping berths using port worker dress codes.
- Enhanced port security by notifying authorities of unauthorized personnel, improving efficiency by 95%.

Machine Learning Intern

Exposys Data Labs, Bengaluru (Online) **Dec 2023 - Jan 2024**

- Applied K-Means clustering to segment customers based on purchasing behavior for targeted marketing.
- Increased customer engagement by 20% through data-driven insights and personalized recommendations.

Projects:

Automated Room Power Control System with Door Lock Detection

- Designed a smart energy management system using ultrasonic sensors and RFID to optimize power usage.
- Improved security with an automated solenoid lock, reducing unauthorized access by 95%.

AquaBot - Autonomous Water Cleaning System

- Developed an AI-powered robotic system to detect and collect floating trash in water bodies using YOLOv5 for object detection.
- Integrated a conveyor belt mechanism and real-time decision-making capabilities to avoid obstacles like birds, boats, and walls.

Social Internship

Organic Farming Website Development (July 2023 - Oct 2023)

- Developed a website using Framer to educate farmers on organic farming practices, integrating instructional videos and content on sustainable techniques.
- Implemented web translation tools for multi-language accessibility, ensuring farmers could access content in their local languages.

Co-Curricular Activities & Awards

- Maritime University Certification: Executive Certificate in Seaport Security & Emerging Technologies from the Indian Maritime University (May 2024).
- Hackathon & Conference: Participated in SPECTATHON-2024 and presented Smart Hostel Management Through IoT at IEEE ICACRS 2024 (Sept & Dec 2024).