Contact

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📍 Hyderabad , Telangana | India

in linkedin

Academics

Woxsen University, Hyderabad

2021 - 2025 B-Tech (Data Science & AI) - 3.02/4.00

Sri Chaitanya Junior College, Hyderabad

2019 - 2021   Intermediate

Sri Chaitanya School, Hyderabad

2015 - 2019   High School Education -

Skills

- Python (Intermediate)
- Machine learning (Intermediate)
- Deep Learning
- Object Detection
- SQL
- HTML, CSS, JavaScript
- Object Segmentation
- Data Analysis
- Data Visualisation
- Natural Language Processing and Tools

Professional Skills

- Critical thinking
- Interpersonal things
- Teamwork

Languages

- English - Fluent
- Telugu - Fluent
- Hindi - Fluent

Research Outcome

- Smart Hostel Management Through the IOT: Reducing Energy Consumption,Securing Access, and Preventing Theft. - IEEE Publication

Maneesh Reddy Jupalli

WOXSEN UNIVERSITY

Objective

A dedicated and results-oriented individual with a B.Tech in Artificial Intelligence & Data Science, possessing a robust foundation in machine learning, data analytics, and deep learning. Passionate about leveraging cutting-edge technologies to tackle complex real-world challenges, with a commitment to continuous learning, technical skill enhancement, and adapting innovative solutions to diverse use cases.

Intership

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

- Designed and implemented a machine learning model to automatically detect contraband items using X-ray scanners at shipping ports, fostering teamwork and project management skills.
- Conducted thorough analysis and annotation of a diverse dataset, employing advanced data augmentation techniques to improve model accuracy and robustness against varied conditions and item types.
- Developed and fine-tuned a computer vision model tailored for real-time detection, ensuring high precision and recall in identifying contraband objects.
- Delivered measurable improvements in operational efficiency and security, showcasing the ability to deploy AI-driven solutions to solve high-impact, real-world challenges.

Projects

- Generative adversarial attacks using gan on Facial datasets:
  - Created adversarial examples using GANs to test facial recognition robustness.
  - Analyzed model vulnerabilities and evaluated defense mechanisms.

- Hand Gesture Recognition for Human Computer Interaction using ResNet
  - Built a gesture recognition system with ResNet for real-time interaction.
  - Achieved high accuracy and optimized for low-latency performance.

- AI Influencer: Content Creation and Strategies for Influencers (Ongoing) NLP | Computer Vision
  - Automated content creation using NLP and computer vision.
  - Enhanced audience targeting with predictive analytics.

Certifications

- 2023-04 |Python for Data Science, AI & Development

- 2023- 04| Data Visualization with Python

- 2023-11 | Machine Learning With Python

- 2023-04 | Introduction to Data Engineering

- 2023-04 | Data Analysis with Python

Co-Cirricular Activities

- Member of Krida Club, Organised various Sports Competitions.

- Executive Committee Member of Cultural Club.