



Mahanth Raghav Kantipudi

B.Tech-Artificial Intelligence and data science

Contact

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Academics

Woxsen University | Hyderabad
2021 - 2025 | B.Tech AI&DS

Sri Viswa | Visakhapatnam, India
2019 - 2021 | Intermediate

Technical Skills

- Data Structures
- Data Visualization
- Web Development
- Python
- Machine Learning
- Gen-AI
- NLP

Tools

- Tensorflow
- Stream lit
- My SQL
- Power BI

Professional Skills

- Leadership
- Adaptability
- Teamwork

Co-CurricularActivities

- District medalist, state medalist, and national player from 2017-2021 in speed roller skating

Academic Achievements

- IEEE Conference Presentation:
Presented the research paper "Smart Hostel Management Through IoT" at the ICACRS 2024, hosted by Mount Zion College of Engineering and Technology, Tamil Nadu (December 2024).

Objective

A hardworking and adaptive student with strong leadership, problem-solving, and advanced coding skills. Proficient in Python, PyTorch, TensorFlow, GANs, machine learning, and web development. Experienced in team guidance, collaboration, and delivering creative solutions. Committed to growth and excellence, with a passion for driving innovations in AI and machine learning.

Internship

Machine Learning Intern

HFS Digital, Visakhapatnam
Feb 2024 - June 2024

- Developed two object detection models for vending machines.
- Utilized Python, TensorFlow, Azure-custom vision, and OpenCV for model development and training.
- Collaborated with a team to integrate models into existing systems.

Summer Intern

Societal Internship, Gangojipet, Hyderabad
May 2023 - June 2023

- Conducted field research to collect comprehensive agricultural data.
- Developed machine learning algorithms to analyze agricultural practices and the efficiency of natural fertilizers.
- Developed a multilingual smart chatbot in English, Hindi, and Telugu to assist farmers with information on crop growth and agricultural practices.

Certification

- AI for everyone (Coursera)
- Data Visualization with Python (Coursera)
- Programming Foundations with JavaScript, HTML, and CSS (Coursera)
- Exploratory Data Analysis for Machine Learning (Coursera)
- AWS Cloud Technical Essentials (Coursera)
- Architecting Solutions on AWS (Coursera)
- Data Analysis and Visualization with Power BI - Microsoft (Coursera)

Projects

- The Modular PowerStation
 - The Modular PowerStation is a portable, modular charging device designed for flexibility and versatility.
 - It supports multiple charging interfaces (USB-A, USB-C, Lightning) and features interchangeable battery modules, fast charging, solar charging, and a user-friendly LED display, ensuring compatibility with various devices.
- Machine learning model to predict mental health crises from electronic health records
- Handwritten Digit Recognition using machine learning
- Designing a website
- Facial expression recognition as emoji
- Object detection for exceptional objects