WOXSEN
UNIVERSITY

Contact

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Technical Skills

Programming Skills: Python, Machine Learning, HTML,CSS, Deep Learning, Natural Language Processing, Data Analysis
Tools: Chat GPT, Jupyter Notebook, MS word , Excel

Education

- B.Tech in Data Science & AI, Woxsen University, Hyderabad, India (2021 2025), CGPA: 2.5/4.0
- Intermediate (MPC), Sri Chaitanya College, Vijayawada, India (2019 - 2021), Percentage: 92%
- 10th Standard, Geetha High School, Toopran , India (2018 - 2019), Percentage:98%

Certifications

- 2022- 03 | Data analysis with python, Coursera
- 2022-05 | Data visualization with Python, Coursera
- 2023-02 | Introduction to Data Engineering ,Coursera
- 2023-04 | Introduction to Web Development, Coursera
- 2023-04 | Databases and SQL for data science with Python, Coursera

Languages

- English - Intermediate
- Hindi - Intermediate
- Telugu - Native

Vineetha Karla

B.Tech Data Science and Artificial Intelligence

Objective

A dedicated B.Tech student specializing in Data Science and Artificial Intelligence with a strong passion for exploring the intersection of technology and data. Equipped with a solid foundation in data analysis, machine learning, and programming languages such as Python, HTML, JavaScript, and C, I am eager to apply my skills to real-world challenges. Committed to continuous learning and building a professional network to drive innovation and contribute meaningfully to the tech industry.

Work Experience- Intern

AI Research Intern

CHSS |MCRHRD, Jubliee Hills, Hyderabad | Feb 2024--June 2024

- Developed a smart system using radar, cameras, and machine learning to detect small boats near large ships and alert port authorities, enhancing safety and security.
- Authored a research paper on credit card fraud detection.
- Tech Stack: Radar Technology, Camera Systems, Machine Learning, DataSynthesis, YOLO Models, Opencv.

Projects

Cigarette Smoke Detection

- Indoor smoking poses health risks to both smokers and non smokers. The Cigarette Smoke Detection System aims to detect and alert the presence of cigarette smoke, enhancing public health and safety in enclosed environments.
- The system uses gas sensors (MQ-7, MQ-9, MQ135) to monitor air quality, with a web interface for administrative staff to monitor and take action based on detected smoke

Intelligent Saline Bottle Monitoring System

- Developed an intelligent monitoring system using YOLO object detection to analyze saline bottle images, detecting fluid levels and color changes to enhance patient safety and support hospital management.
- Implemented a Streamlit interface for image-based analysis, enabling users to upload images and receive instant feedback on saline level and color status, reducing manual monitoring efforts

AI-driven Back Pain Prognosis System for IT workforce

- Low back pain affects the IT professionals in India, leading to reduced productivity, absenteeism, and higher healthcare costs.
- An application to predict and prevent low back pain in real-time among IT professionals, aiming to enhance productivity and reduce absenteeism.