# Malepati Venkata Sai Rithika Chowdary

Dynamic and highly motivated Computer Science and Engineering undergraduate with a focus on Artificial Intelligence and Machine Learning. Seeking opportunities to leverage skills in Python, machine learning, web development, and software engineering. Passionate about developing AI-driven solutions for real-world applications.

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in rithika-malepati

rithikamalepati

#### **EXPERIENCE**

#### **Oasis Infobyte**

Python Programming Intern

Aug 2024 - Sep 2024

- Developed and optimized Python projects including a BMI calculator, weather application, and random password generator.
- Gained practical experience in **Python programming**, improving **code performance** and efficiency.

#### **Code Clause**

Artificial Intelligence Intern

Jun 2024 - Jul 2024

- Built and trained neural networks using TensorFlow and Keras for image classifi-cation tasks, focusing on handwritten digitrecognition using the MNIST dataset.
- Performed sentiment analysis using **TextBlob** and applied various machine learning models to solve AI problems.

#### **EDUCATION**

#### **Chebrolu Engineering College, Guntur**

Bachelor of Technology in CSE(AI&ML) - CGPA: 8.5/10

Nov 2021 - Apr 2025

Narayana Junior College, Kavali

Board of Higher Secondary Education - Marks: 934/1000

Jun 2019 - Apr 2021

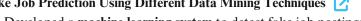
Naravana E-techno School, Kavali

Board of Secondary Education - CGPA: 9.7/10

Jun 2018 - Apr 2019

#### **PROJECTS**

Fake Job Prediction Using Different Data Mining Techniques



- Developed a machine learning system to detect fake job postings using algorithms like Decision Trees, Random Forest, and
- Built a web app with Python (Django), MySQL, and HTML, CSS, JavaScript for real-time prediction.
- Used lightweight detectors to boost speed, accuracy, and scalability.

# Sentiment Analysis Web Application [7]

 Designed a Flask based application using TextBlob for real-time sentiment classification with a user-friendly HTML, CSS interface. Integrated seamless backend processing with frontend result display for enhanced user experience.

### Weather App [7]

• Created an interactive weather forecasting app using Python and OpenWeatherMap API, allowing users to input a city and receive real-time weather data with emoji-based feedback for a user-friendly experience

## **SKILLS**

- Programming Languages: Python, C
- Web Development: HTML, CSS, JavaScript
- · Tools & Technologies: SQL and Git
- Soft Skills: Problem Solving, Team Collaboration, Communication

## **CERTIFICATIONS**

The Complete 2024 Web Development Bootcamp - Udemy

**Big Data Computing - NPTEL**