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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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

Narayana 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 **SVM**.
- 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 🔗

- 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 🔗

- 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