

VENKATA VARSHITH REDDY M

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SUMMARY

I am a BTech second-year student with skills in Python, SQL, and Machine Learning. Passionate about AI and data-driven technologies, I have worked on projects involving AI-based resume screening, and stock prediction. I am eager to apply my knowledge in real-world scenarios, enhance my problem-solving abilities, and collaborate with experts in the field. My goal is to gain hands-on experience in AI and ML, contribute effectively to innovative projects, and continuously develop my technical and analytical skills.

TECHNICAL SKILLS

Programming Languages:

- Python
- SQL
- HTML
- CSS
- Javascript

Machine Learning :

- Machine Learning Algorithms
- Data Preprocessing & Feature Engineering

Tools & Libraries:

Pandas
Numpy
Scikit-learn
Matplotlib
Seaborn

Projects

YouTube to Text and Summarization Tool:

March 2025-Ongoing

Converted speech from YouTube videos into text and generated concise summaries using text processing techniques.

Skills Gained: Speech-to-Text Processing, Text Summarization, Data Processing, Python

AI-Based Resume Screening Tool:

Jul 2024-Nov 2024

Developed an AI system to extract candidate names, identify skills, and score resumes with improvement recommendations.

Skills Gained: Machine Learning, Data Processing, Scikit-learn, Python

LSTM Model for Stock Prediction:

Jan2025-ongoing

Built a time-series forecasting model using LSTMs to predict stock price trends

Skills Gained: Machine Learning, Time-Series Analysis, Deep Learning Concepts, NumPy, Pandas.

RESEARCH EXPERIENCE

Enhancing Solar powered Electrical Vehicle With IoT Driven Smart rechargeable systems

Nov 2024 - Ongoing

- Developed a dynamic solar panel tracking system to optimize energy capture, reducing grid dependency by 60% and improving battery life by 30%.
- Published findings on the integration of flexible solar cells and IoT sensors in EVs, contributing to advancements in renewable energy utilization in transportation.

EDUCATION

Woxsen University, Hyderabad

2023 - 2027

BTech in Computer Science Engineering

Narayana Junior College ,Nellore

2021-2023

Intermediate (MPC)

Score:915/1000

ADDITIONAL INFORMATION

- **Languages:** Telugu, English
- **Certifications:** Crash Course on Python (Coursera)
Probability & Statistics for Machine Learning & Data Science (Coursera)
Mathematics for Machine Learning: Linear Algebra(Coursera)
Mathematics for Machine Learning(PCA) (Coursera)