

# REDDY KRISHNA D

Kurnool, Andhra Pradesh | +91-9398881886 | donthureddykrishna43@gmail.com



[www.linkedin.com/in/reddykrishna-donthu-311356292](https://www.linkedin.com/in/reddykrishna-donthu-311356292)

## SUMMARY

I am a second-year BTech student with a strong foundation in Python, SQL, and Machine Learning. Passionate about AI and data-driven technologies, I have worked on projects such as AI-based resume Short lister and interview Proctor and stock prediction. I am eager to apply my knowledge to real-world challenges, enhance my problem-solving skills, and collaborate with industry experts. My goal is to gain hands-on experience in AI and ML, contribute to innovative projects, and continuously refine my technical and analytical abilities.

## TECHNICAL SKILLS

### Programming Languages:

- Python
- SQL
- HTML
- CSS
- Javascript

### Tools & Libraries:

Pandas  
Numpy  
Scikit-learn  
Matplotlib  
Seaborn

### Machine Learning :

- Machine Learning Algorithms
- Data Preprocessing & Feature Engineering

## Projects

### Resume short lister & Interview Proctor:

March 2025-Ongoing

Add a subAutomates resume shortlisting by extracting key information and conducting AI-driven interview assessments.

Skills Gained: Resume Screening, Data Processing, Machine Learning, Python  
heading

### Non-Invasive Smartwatch for Continuous Glucose Monitoring

OCT 2024-Nov 2024

A smartwatch using NIR, MIR, and Raman spectroscopy for real-time, non-invasive glucose tracking. It eliminates finger pricks, ensures accuracy with motion and temperature sensors, and integrates with a mobile app for alerts and reports. This cost-effective solution enhances diabetes management, improves user convenience, and reduces healthcare costs.

Skills Gained: Sensor Technology, Data Processing, Wearable Health Tech, 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 ,kurnool

2021-2023

Intermediate (MPC)

Score:923/1000

### 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)