REDDY KRISHNA D

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in www.linkedin.com/in/reddykri shna-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

Machine Learning :
- Machine Learning Algorithms
- Data Preprocessing & Feature Engineering

Tools & Libraries:
Pandas
Numpy
Scikit-learn
Matplotlib
Seaborn

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)

WOXSEN UNIVERSITY

Kamkole, Sadasivpet, Sangareddy District, Hyderabad, India.
Established vide Act no. 13 of 2020, The Telangana State Private Universities (Amendment)
Act, 2020 and recognised under Section 2 (f) of UGC Act 1956

Interim Transcript

ODD SEMESTER Nov-2024

Student Name : Donthu Reddykrishna

Student ID   : 23WU0102168

Program Name : Bachelor of Technology - Computer Science and Engineering with Artificial Intelligence and

Father's Name : Mr. Donthu Mahesh

Mother's Name: Mrs. Polepalle Reddemma

ABC ID   :

Course Code	Course Name	Credits	Grade Point	Grade
22CSP303	CONCEPTUAL PROJECT 1	2	7.5	B-
22CSE304	DESIGN & ANALYSIS OF ALGORITHMS	4	8	B
22CSE305	DATABASE MANAGEMENT SYSTEMS	3	9.5	A
22CSE314	ARTIFICIAL AND COMPUTATIONAL INTELLIGENCE	4	9	A-
22SOT301	ETHICS & MORAL REASONING IN A VUCA WORLD	3	8	B
24UU03VAO1	ADVANCED COMMUNICATION & LOGICAL THINKING	1	7.5	B-
22DEV101	REFLECTING SELF	2	8	B

Credits Registered: 19

Credits Completed: 19

SGPA : 8.36

CGPA : 8.22

Seal & Signature

Date: February 06, 2025

Controller of Examinations

Letter of Recommendation

Dr. Pep Lluis Esteva
Dean, School of Technology
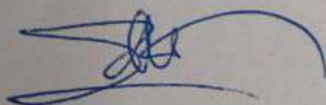Woxsen University

Date: 28 February 2025

To Whom It May Concern,

I am pleased to recommend **D.Reddy Krishna,** a student of **B.Tech Computer Science and Engineering with Artificial Intelligence and Machine Learning, (Batch 2023-27),** at **Woxsen University, Hyderabad,** for the **SURE Internship Program at IIT Hyderabad.** With an impressive **CGPA** of **8.22,** they rank among the top 20% of their academic cohort, demonstrating exceptional dedication and intellectual capability.

In recognition of their outstanding academic performance, I have no doubt that **D.Reddy Krishna** will bring the same level of excellence, curiosity, and commitment to this prestigious internship opportunity.

I wholeheartedly support the application of **D.Reddy Krishna** and am confident that they will make the most of this opportunity. I extend my best wishes for their success in the internship and all future endeavors.

Sincerely,

Dr. Pep Lluis Esteva

Dean, School of Technology