REDDY BOCHA HARSHAVARDHAN

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Professional Summary

A motivated B.Tech AIML student with strong foundations in Python, Machine Learning, and Deep Learning. Hands-on experience in building AI-driven applications including chatbots, recommendation systems, and medical image analysis.

EDUCATION

Bachelor of Engineering in AIML - Pursuing   2023 - 2027
Malla Reddy University, Hyderabad CGPA: 8.35/10.00

SKILLS AND INTERESTS

Interests	Data Analysis & Visualization, Application Development, Building Mini API Projects, Reading Books, Gaming, Using AI tools.
Skills	Python, MySQL, Java, Excel, Word, Powerpoint, Canva, React, Scikit-learn.

PROJECTS

Pulse predict Using AI Chatbot   November 2024 - November 2024

· Developed an AI-based chatbot capable of predicting human pulse rate
· Implemented machine learning algorithms to analyze pulse - related data and generate accurate predictions
· Designed the chatbot to provide real-time responses and basic health-related insights.

Recom Engine Product Recommendation System with Gen AI   February 2024 - April 2024
This project is an e-commerce product recommendation system that uses power of NLP.

· This system is built using Python and leverages various libraries and frameworks such Pandas, Streamlit etc.,
· It collects the datafrom predefined categories and brands, product department, etc.,

Automated Cancer Detection using Deep Learning   November 2025

· This project is completely based on deep learning techniques using python with some of the libraries used like tensorflow, Flask etc.,
· Implemented CNNs to extract features and classsify brain images as cancerous or non- cancerous
· Performed image preprocessing including resizing, normalization, and noise reduction to improve model accuracy.

ACHIEVEMENTS

Achieved Basic Python, Java, MySQL skill test certifications on HackerRank

Achieved First Place in Zenith Hackathon which is conducted by MLRIT in November 2024

Consistently scored above average in programming or AI related subjects

Cambridge English B2 certified - Cambridge Assesment English, Demonstrated CEFR Level B2 proficiency in reading, writing, listening, and speaking.