

VISHNUVARDHAN KOMAKULA

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PROFESSIONAL SUMMARY

Ambitious **B.Tech CSE(AIML)** student at **Malla Reddy Institute of Engineering and Technology** Hyderabad, with strong programming in **Python,SQL,Basic DSA with Python,OOPS and C**. Passionate about **AI & ML**,Eager to contribute to impactful projects and gain real-world experience.

EDUCATION

- BTECH Malla Reddy Institute of Engineering and Technology Hyderabad**, CSE (AI-ML) Nov 2022 – May 2026
- **CGPA:** 8.83
 - **Coursework:** Learning Core concepts in CSE, Critical Thinking, Problem Solving skills, Exposure to teamwork and project-based learning.

KEY SKILLS

Languages: Python, Basics of C, SQL **Database:** SQLite
Other Skills: Basic DSA with Python, OOPS, AI, **Technologies:** VS Code, Anaconda, Jupyter
Machine Learning, Data Science Notebook, Python IDLE, MS Office

EXPERIENCE

- CODSOFT:** Feb 2025 – Feb 2025 [Link](#)
- I worked as an **intern** in the **Data Science** domain. I have perform **Movie Rating, Sales & Credit Card Approval Predictions** by using ML models **Random Forest, Linear Regression** for rating, sales, and approval forecasting with Python and Scikit-learn and data visualization.
- INTERNPE:** Jun 2025 – July 2025 [Link](#)
- I worked as an **intern** in the **AI & ML** domain. I have done projects in **Car Price Prediction and IPL Winner Prediction**. Experienced in data preprocessing, modeling, and deploying ML apps with Streamlit.

PROJECTS

- MODELING AND PREDICTING CYBER HACKING BREACHES:** Jan 2025 – Apr 2023 [Link](#)
- This project focuses on **predicting cyber hacking breaches** using **statistical and ML models**. It analyzes cyber incidents **datasets (2005–2017)** to detect trends, model breaches and sizes between arrivals and implement predictive analytics to forecast future threats.
 - **Techniques:** Stochastic Modeling, ARMA-GARCH, Copula Analysis
- MULTI CLASS STRESS DETECTION THROUGH HRV:** Jun 2024 – Aug 2024 [Link](#)
- Developed a **1D CNN model** in Python for stress classification using HRV data (SWELL-KW dataset). Achieved **99.9% accuracy** with optimized feature selection (**ANOVA F-test**).
 - **ML / AI:** Deep Learning (CNN, MLP), Feature Selection, Data Preprocessing

HACKTHONS & WORKSHOPS

- [Link](#)
- HACKTHON:** The **AWS** organized by Malla Reddy Institute of Engineering and Technology in association with **TECHSIGH Solutions Pvt. Ltd** from **April 02 to 04, 2024**.
- WORKSHOP:** The **GENERATIVE AI & AI AGENTS** Organized by Malla Reddy Institute of Engineering and Technology in association with **10000Coders** on **Aug 07, 2025**.