

DOODIPALA RUTHWIK REDDY

+1(901)215-6461

Druthwik09@gmail.com ◇ [linkedin](#) ◇ [GitHub](#)

EDUCATION

Keshav Memorial Institute Of Technology , Hyderabad B.Tech in CSE (AIML) , CGPA: 8.6/10	2020-2024 (Expected)
Narayana Junior College , Hyderabad Inter Public Examinations (class XII) , Aggregate: 97.9 %	2018-2020
Dr.K.K.R's Gowtham School , Hyderabad SSC (class X) , CGPA: 10/10	2016-2018

WORK EXPERIENCE

EdgeForce Solutions - Data Scientist Intern

- Worked on a Condition-Based Monitoring (CBM) system for AFV's (Armoured fighting vehicle) to enhance equipment reliability, reduce downtime, and improve maintenance efficiency.
- Developed a regression-based predictive maintenance model aimed at forecasting the Remaining Useful Life Time (RUL) of Armoured fighting vehicles(AFV's).

LANGUAGES AND SKILLS

- **Languages and Frameworks** : C++ , Python, Java, HTML, CSS, Bootstrap, Sass, ReactJS, Flask, SQL.
- **Tools** : VS Code , GitHub , Google Colab , Kaggle.

PROJECTS

Movie Recommendation System

Content based movie recommendation website (CineMagic) built using machine learning.

- Using attributes such as genre, director, description, actors, etc. for movies to make suggestions for the users. The intuition behind this sort of recommendation system is that if a user liked a particular movie or show, he/she might like a movie or a show similar to it.
- Technologies Used: ReactJS , Sass , Machine Learning , Natural Language Processing , Flask.

Hurricane Damage Detection

Hurricane damage detection system built using Deep learning.

- The primary objective of this project is to detect if a property has been damaged by Hurricane or not using satellite images.
- Technologies Used: Deep Learning , Flask.

ACHIEVEMENTS

- NPTEL Elite Certification in Machine Learning.
- Completed Hacktoberfest 2023 Challenge