MARUTHI DURGA KARTHIK KUNUKU

+91 7995686372 | maruthikunuku718@gmail.com | LinkedIn | GitHub | LeetCode | CodeChef | HackerRank

EDUCATION

GMR INSTITUTE OF TECHNOLOGY   **2020 -2024**

*Bachelor of Technology in Computer Science and Engineering - **CGPA of 8.54***

INTERNSHIP EXPERIENCE

Data Science Intern - Andhra University   **11/2023 - 02/2024**

AI-ML Developer | Certificate

- During this Three-month research internship, We Developed a real-time **WhatsApp chat analysis** project, including Sentiment analysis for child abuse, and toxicity, using the BERT model with **93% accuracy**.

PROJECTS

Amazon Review Sentiment Analysis   **08/ 2023**

NLP, ML, PYTHON, FLASK | Demo

- This project analyzes the sentiment or opinion expressed in customer reviews of products on the Amazon platform. The goal is to determine whether a review is positive or negative.
- Various NLP techniques like Tokenization, lemmatization and Stop Word Removal are applied.
- Classification technique Logistic Regression is applied.

Pineapple Image Classification   **10/ 2023**

Python, Deep Learning | Demo

- This project aims to classify pineapple images into raw or ripe.
- The model is trained on the provided dataset to learn the features that distinguish between raw and ripe pineapples.
- We have developed a convolutional neural network (CNN) models VGG16 and ALEXNET for pineapple classification.

WhatsApp Chat Analysis   **12/2023**

Python, Machine Learning, Flask | Demo

- This project performs three main tasks on WhatsApp chats: Sentiment Analysis, summarizing the chat, and detecting phishing URLs.
- This project aims to analyze the sentiment of the chat and classify it into toxic or non-toxic.
- This project aims to Summarize the chat and also perform a Phishing URL task.
- DISTILBERT technique is applied for Sentiment Analysis task, Bert technique is applied for Phishing URL task and Auto-Train model is used for Summarization task.

CERTIFICATIONS

- Programming Data Structures and Algorithms Using Python (**NPTEL**)
- Data Analysis Using Python (**Coursera**)
- Azure AI Fundementals (**Microsoft**)
- Algorithm Toolbox (**Coursera**)

TECHNICAL SKILLS

Languages: C++, Python, Java, C, HTML/CSS, FLASK, MYSQL
CS-CORE: DATA STRUCTURES AND ALGORITHMS, OOPS, DBMS
Technologies: DEEP LEARNING, MACHINE LEARNING, NATURAL LANGUAGE PROCESSING, GIT

Achievements

- Secured **Silver** Badge in **NPTEL** Programming, Data Structures, and Algorithms using Python.
- Solved **280+** problems in LeetCode.
- Achieved a **5-star** rating on HackerRank in C++.
- Solved 70+ problems in Codechef with rating of **1300+.**
- College Level: Achieved the 1st place in Codeathon conducted by ISTE. Secured the 2nd position in DeepDatathon Organized by ACM.Runner of Data-Wrangling Contest supervised by GMRIT.

POSITIONS AND RESPONSIBILITIES

- Headed the **CODECHEF** Student Chapter, orchestrating the planning and execution of a diverse range of technical events with a focus on seamless coordination and successful implementation.