Kamma Sai Pujitha

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SKILLS

Languages:	C++, Python, C, Java .
Technical Skills:	DSA, Machine Learning, Natural Language Processing, Artificial Intelligence, Deep Learning.
Soft Skills:	Project Management, Time Management, Adaptability.

TRAINING

GEEKSFORGEEKS   Jun' 24 – Jul' 24
DSA using C++
- Achieved Proficiency in DSA with C++ through the Mastering Data Structures and Algorithms course from Geeks for Geeks.
- Solved over 100 problems from the Geeks for Geeks website,reinforcing DSA concepts.
- Developed an Algorithm Simulator project using C++, applying learned DSA principles.

PROJECTS

Twitter Sentiment Analysis | *Python,ML,NLP,Deep Learning*   Nov' 24
- Constructed a predictive model tailored for **Twitter sentiment analysis**, specially designed to categorize **tweets** as either expressing positive or negative sentiment.
- The Project enhances understanding of public sentiment on twitter, helping businesses gain **customer behavior** insights.
- Integrates Logistic Regression, **Random Forest**, **XGBoost**, Naive Bayes algorithms, in conjunction with **neural network** methodologies, to refine **sentiment classification**.
- Demonstrated a noteworthy **99% accuracy** rate across the implemented models.

Algorithm Simulator| *C++, DSA*   Aug' 24
- Engineered an engaging **interactive simulator** to demonstrate various **searching** and **sorting** algorithms.
- Designed to foster a deeper comprehension of fundamental **data structures** and algorithmic principles by means of visual representation and user engagement.
- Encompasses the implementation of **Bubble Sort**, **Insertion Sort**, **Selection Sort**, **Binary Search** and **Linear search** methodologies.

Fake News Prediction Model | *Python, ML, NLP*   Mar' 24
- Developed a **machine learning** based system for the **binary classification** of **news articles** as real or fake.
- The project aimed to address the increasing prevalence of misinformation in digital media by leveraging **natural language processing** techniques to identify linguistic indicators of fake news.
- Employed **Logistic Regression** and **Naive Bayes** algorithms for their effectiveness in **classification tasks**.
- Achieved **93% accuracy** rate in distinguishing between genuine and **fake news articles**, demonstrating a significant capability in mitigating **misinformation**.

CERTIFICATIONS|CERTIFICATES

Internet of Things	NPTEL	Mar'25
Social Networks	NPTEL	Nov' 24
Mastering Data Structures and Algorithms	GFG	Oct' 24
Learn to Code with AI	Coursera	Mar' 24

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Aug' 22 – Present
Computer Science and Engineering; CGPA: 6.97

Bhashyam Junior College   Guntur, Andhra Pradesh
Intermediate   Jun' 20 – Apr ' 22
MPC; Percentage: 91.9%

Bhashyam High School   Guntur, Andhra Pradesh
Matriculation   Jun' 19 – May' 20
CGPA: 10.0