

# KAMMA SAI PUJITHA

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## TRAINING

### Geeks for Geeks

July 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 Geeks for Geeks website, reinforcing DSA concepts.

### 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.
- Project enhances understanding of public sentiment on twitter, helping businesses gain **customer behaviour** insights.
- Integrates **Logistic Regression, Random Forest, XGBoost, Naive Bayes** algorithms, in conjunction with **neural network** methodologies, to refine **sentiment classification**. And achieved 93% accuracy rate through the implemented models.
- Github Repository Link: <https://github.com/pujitha/twitter-project>

#### 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.
- Github Repository Link: <https://github.com/pujitha/Project-algorithme>

#### 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 addresses the increasing prevalence of misinformation in digital media by leveraged **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**.
- Github Repository Link: [https://github.com/pujitha/Project-fake news](https://github.com/pujitha/Project-fake-news)

## Certificates

### Social Networks

Nov 24

NPTEL — [Certificate Link](#)

### Mastering Data Structures and Algorithms

Oct 24

GFG — [Certificate Link](#)

## Skills Summary

**Languages:** C++, Python, C, Java.

**Tech Skills:** Data Structures, Machine Learning, Natural Language Processing, Artificial Intelligence, Deep Learning.

**Framework and Libraries:** TensorFlow, Scikit-Learn, Numpy, Pandas, Matplotlib, Seaborn.

**Soft Skills:** Team Player, Project Management, Communication, Problem Solving, Adaptability.

## Education

### Lovely Professional University

2022 - Present

Computer Science and Engineering — CGPA: 6.97

Jalandhar, Punjab

### Bhashyam Junior College

2020 – 2022

Intermediate — Percentage: 91.9%

Guntur, Andhra Pradesh

### Bhashyam High School

2019 – 2020

Matriculation — CGPA: 10.0

Guntur, Andhra Pradesh

