

# Lokesh Mambaku

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## SUMMARY

Enthusiastic and detail-oriented B. Tech graduate with a solid foundation in computer science and programming languages. A quick learner and adaptable team player, eager to leverage academic knowledge into practical skills.

## RESEARCH EXPERIENCE

### NLP-based News Article Classification to identify in-article attribution | Academic Project | January 2024 - May 2024

- Developed an **NLP-based news article classification system** to identify **in-article attribution**, utilizing Python libraries such as **Pandas**, **Flask**, and **NLTK**.
- Implemented **Natural Language Processing (NLP)** techniques to analyze and extract relevant textual data from news articles, focusing on identifying **sources of information** within the text.
- Built a **classification model** that accurately distinguishes between attributed and non-attributed information in articles using supervised machine learning methods.
- Utilized **Flask** to create a web-based interface for easy interaction with the model, allowing users to input articles and view classification results in real time.
- Employed **data preprocessing techniques** like tokenization, stop-word removal, and lemmatization to clean the text data for efficient model training.
- Integrated **Python-based back-end logic** to ensure smooth functioning of the model, handling inputs and outputs seamlessly between the user interface and the classifier.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering | Jawaharlal Nehru Technological University | 8.2 CGPA |

Anantapur | 2024

## SKILLS

**Front-End** : HTML, CSS, Javascript, React js

**Back-End** : Python

**Database** : Mysql

**Softwares & Tools** : git, Github

## CERTIFICATIONS

**Introduction to Programming using Python | Microsoft | 2022**

**Web Design | OASIS Infobyte | 2022**

**Front-End Developer | IBM SkillBuild | 2023**

## PERSONAL PROJECTS

### Restaurant Website Clone | IBM SkillBuild | [github.com/mambakulokesh/Restaurant\\_Project.git](https://github.com/mambakulokesh/Restaurant_Project.git) | June 2023 - July 2023

- Created a **Restaurant Website Clone** as part of IBM SkillBuild, showcasing skills in **HTML**, **CSS**, and **Bootstrap**.
- Focused on building a fully **responsive design** that adapts to various screen sizes, enhancing the user experience across devices.
- Completed the project between **June 2023 and July 2023**, gaining hands on experience in Responsive designs .

### Todo-List Application | OASIS INFOBYTE | [github.com/mambakulokesh/ToDo-list.git](https://github.com/mambakulokesh/ToDo-list.git) | October 2022 - November 2022

- Developed a **dynamic Todo-List application** using **HTML**, **CSS**, and **JavaScript** for OASIS INFOBYTE.
- Integrated features like **task addition, deletion, and marking tasks as completed**, providing an intuitive user experience.
- Completed the project between **March 2022 and April 2022**, focusing on creating a practical tool for task management.