Kalyan Sarabu

kalyankumar8284@gmail.com| +91 7893828479| LinkedIn: kalyan-sarabu-63b52524b

PROFILE SUMMARY

A recent Electronics and Communication Engineering graduate with strong proficiency in Python, C, and web technologies, seeking an entry-level IT role. Eager to apply my skills in database management, problem-solving, and development of innovative solutions. Passionate about continuous learning and contributing to the success of a dynamic organization.

EDUCATION

Audisankara Institute of Technology   **Gudur, Andhra Pradesh**
B. Tech in Electronics and Communications   *May 2020 - June 2024*
CGPA: 7.5

Krishna Chaitanya Junior college   **Nellore, Andhra Pradesh**
12th Grade (Senior Secondary/Intermediate)   *May 2020*
CGPA: 8.25

Vivekananda High School   **Nellore, Andhra Pradesh**
10th Grade (Secondary)   *May 2018*
CGPA: 8.5

SKILLS

Programming languages: Python, C
Web Technologies: HTML, CSS
Database Management: SQL
Operating Systems: Windows, Linux

PROJECTS

Hate Speech detection using NLP   **March 2024 – April 2024**

Tools: Python, Pandas, Numpy, Seaborn, Matplotlib, Scikit-learn, NLTK
Developed a machine learning model using NLP techniques to detect and classify hate speech in text data.
Responsibilities:

- Developed a system to detect and classify hate speech with 90% accuracy using Natural Language Processing (NLP) techniques.
- Applied advanced NLP methods like stemming and stopword removal, which significantly improved the model's accuracy.
- Led the data preprocessing phase, ensuring data integrity through normalization, handling missing values resulting in a 95% noise reduction.

INTERNSHIPS

Embedded Systems, Emertxe   **Feb 2024 – March 2024**

- Applied C and Embedded C programming with PIC 16F877A Microcontroller.
- Developed a Washing Machine Simulator project using Picsimlab and MPLAB IDE.
- Key Skills: C, Embedded C, PIC Microcontroller, and MPLAB IDE.

ACADEMIC ACHEIVEMENTS

- Earned a certification in Internet of Things, demonstrating proficiency in Networking's, Protocols and project management.