SMUTHU VIKNESH

Kanchipuram 631502 | 8637428971 | smuthuviknesh@gmail.com

github.com/viknesh20-20 | linkedin.com/in/muthu-viknesh-80087024b

OBJECTIVE

Motivated 3rd-year Computer Science Engineering student with a strong foundation in Machine Learning, Python, and Data structures. Adept at applying supervised and unsupervised learning algorithms to solve real-world problems. Eager to contribute as a Machine Learning Intern and work towards developing innovative solutions that drive advancements in technology and data-driven decision-making. Passionate about exploring deep learning, NLP, and AI to tackle complex challenges.

EDUCATION

University College of Engineering, Kanchipuram

Bachelor of Engineering (B.E.) in Computer Science and Engineering

CGPA: 8.3 (as of 3rd year)

Expected Graduation Date: June 2026

SKILLS AND ABILITIES

Programming Languages: Python, C, C++, Java

Machine Learning: Supervised Learning, Unsupervised Learning, Deep Learning, Neural Networks.

Libraries & Frameworks: TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib Tools & Platforms: Jupyter, PyCharm, VSCode, Git, GitHub

Database : SQL

Soft Skills: Leadership, Problem-solving, Team Collaboration, Communication

PERSONAL PROJECTS

Emotion Recognition from Text for Sentiment Analysis

Description: Developed a machine learning model for sentiment analysis that recognizes emotions (happy, sad, angry, etc.) from text data. The model enhances decision-making by analyzing user feedback and social media interactions.

Key Contributions: Preprocessed textual data, engineered features for better model accuracy, and optimized the sentiment analysis process using TensorFlow and Keras.

Technologies Used: Python, Sentiment Analysis, TensorFlow, Keras, Scikit-learn, Text Preprocessing

LINE OF INTEREST

Passionate about machine learning, artificial intelligence, and solving real-world problems through innovative technology solutions. Eager to explore the fields of deep learning and natural language processing to drive advancements in automation and data-driven decision-making. Interested in leveraging AI techniques to improve user experiences and optimize business processes.

ACHIEVEMENTS

Academic Excellence :

Achieved a CGPA of 8.3 (as of 3rd year) in Computer Science and Engineering from University College of Engineering, Kanchipuram.

Actively involved in research projects and continuously working to enhance my academic and technical knowledge.

Certifications:

Completed a Machine Learning course from Internshala, earning certifications from IIT Madras Pravartak and NSDC.

Actively pursuing further training in Deep Learning and Advanced Machine Learning.

Leadership Roles:

Served as a leader in the Entrepreneurship Development Cell at University College of Engineering, helping foster a culture of innovation and entrepreneurship.

Currently holding the position of NSS leader in the Department of Computer Science and Engineering, organizing social impact activities and community welfare projects.

EXTRACURRICULAR ACTIVITIES

Hobbies:

Reading: Passionate about books on technology, artificial intelligence, and self-improvement.

Programming: Enjoy solving coding challenges on platforms like LeetCode and HackerRank.

Learning New Information: Constantly staying updated with the latest developments in AI, machine learning, and deep learning.

Gaming: Play strategy-based games, which help enhance my problem-solving and analytical skills.

REFERENCES

Available upon request.

LINKS

GitHub: https://github.com/viknesh20-20
Explore my code repositories and projects where I showcase my work in machine learning, AI, and other technical areas.

LinkedIn: https://www.linkedin.com/in/muthu-viknesh-80087024b/
Connect with me on LinkedIn for updates, collaborations, and networking opportunities in the field of computer science and machine learning.