

ALOKAM MEGHANA

Vijayawada, N.T.R District, Andhra Pradesh
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Profile

A Final-year undergraduate in Artificial Intelligence Engineering at Amrita School of Engineering, with a strong passion for technology and a commitment to solving real-world challenges. Possesses a versatile skill set, including programming, problem-solving, and a solid understanding of software development and system operations. Eager to contribute effectively in a dynamic environment, seeking opportunities to apply knowledge across various roles, continuously learn, and drive innovation.

Education

Amrita School of Engineering, Bangalore Bachelor of Technology in Computer Science and Engineering (specializing in AI)	2021 – Present CGPA: 8.41
Sri Chaitanya Jr College, Vijayawada Board of Intermediate Education Andhra Pradesh (MPC)	2019 – 2021 Percentage: 96.1%
Sri Chaitanya Techno School, Vijayawada Board of Secondary Education (SSC)	2019 GPA: 10.0

Projects

Aspect-Based Sentiment Analysis using Transformer models on MAMS dataset – Performed ABSA by fine-tuning six pretrained BERT variants to predict multiple aspects and polarities in restaurant reviews. – Utilized DeBERTa, RoBERTa, XLNet, BERT, ALBERT, ELECTRA. DeBERTa outperformed with an F-score of 92%.	Dec 2023 – May 2024
EEG-Based Emotion Recognition using Deep Learning for DEAP Dataset – Detected emotions from EEG signals using CNN, GRU, LSTM models. EfficientNetB0 used for accurate classification. – Emphasized the effectiveness of CNN+GRU and EfficientNetB0 in accurately classifying emotional states.	Dec 2023 – May 2024
Emotion Recognition from Text using ML and Sentiment Analysis – Developed a system to classify text into various emotions using sentiment analysis. – Utilized PySpark for data processing, Flask API for real-time emotion recognition.	Aug 2023 – Dec 2023
Sentiment Analysis on Customer Data Using PySpark – Classified customer review data into sentiments using PySpark and ML techniques. – Utilized PySpark for data processing and implemented various ML and DL techniques.	Dec 2022 – May 2023

Skills and Interests

Skills: Python, Java, SQL, Object-Oriented Programming, Data Structures, Git, Machine Learning
Soft Skills: Leadership, Conflict Navigation, Team Player, Adaptability, Communication, Collaboration
Area Of Interest: Software Development, Artificial Intelligence, System Design, Natural Language Processing

Extra-Curricular Activities

Vedanta - The Cultural Club – Responsible for conducting and volunteering at various programs during cultural festivals.	Student Executive
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Certifications

- Python for Data Science, AI and Development (Coursera)
- Python (Basic) (HackerRank)
- SQL (Basic) (HackerRank)