

Lohitha Suggala

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📍 Wyra, Khammam, Telangana – 507203.



An aspiring computer science engineer with strong problem-solving and teamwork skills is seeking a role to contribute and grow long-term.

Education

B.Tech in Computer Science and Engineering, AIML Specialization 2021 – 2025

Kalasalingam Academy of Research and Education, Virudhnagar-626126, India

- CGPA: 8.7

Higher Secondary Education 2019 – 2021

New Vision Junior College, Khammam-507203, India

- Marks: 952

Secondary Education 2018 – 2019

Winfield High School, Khammam-507203, India

- GPA: 9.7

Skills

- Python (Proficient), C, Java (Intermediate)
- DBMS (MySQL)
- Artificial Intelligence, Machine Learning, NLP
- Tools: Anaconda, Jupyter Notebook, Google Colab
- Problem Solving & Critical Thinking
- Team Management & Leadership
- Public Speaking & Communication
- Project Management & Time Management

Projects

Automated Toxic and Spam Detection on YouTube Comments

Comment Crafter is a web application that leverages BERT-based NLP and Rapid Fuzzy Matching to detect and filter toxic and spam comments on YouTube, enhancing content moderation.

- **Tools Used:** Python, BERT, OAuth 2.0, Rapid Fuzzy Matching, Levenshtein.

Social Proximity and Mask Adherence Monitoring System

This system utilizes CNN and YOLOv3 to detect face masks and monitor social distancing in public spaces, ensuring compliance with safety measures.

- **Tools Used:** Python, CNN, YOLOv3.

Fraud Detection in E-Commerce Transactions

A machine learning model has been developed to identify fraudulent credit card transactions, improving financial security and fraud prevention.

- **Tools Used:** Python, Machine Learning, Logistic Regression, Decision Trees.

Airline Reservation and Travel Planner

A flight booking application integrated with safety guides and budget-friendly travel planning, providing an efficient travel experience.

- **Tools Used:** Python, Web Development.

Experience

TEACHNOOK

May 2023 – Oct 2023

Worked as a Brand Executive, managing teams, and handling brand outreach activities effectively.

- **Responsibility:** Team Management, Brand Promotion, and Outreach.


IBM-AICTE

Jun 2023 – Jul 2023

Gained practical experience in Artificial Intelligence and Machine Learning, contributing to real-world applications.

- **Domain:** Artificial Intelligence and Machine Learning.

Certifications

Certified in **Soft Skills and development** from NPTEL 

Recognized as a finalist in **IUCEE Annual Student Forum 2024** 

Awarded with 'Certification of Merit' for participation in **HackToFuture 2.0 Hackathon**

Earned certification in **Fundamentals of Digital Marketing** from Google Digital Garage.


Certified in **Generative AI and Google Cloud Computing Foundations** from GoogleCloud Study Jams and GDSC.

Achieved **Aptitude Certification** from Enbot.

Publications

Metaverse Based Medical Disease Diagnosis: Cancer Detection

2025

Contributed to Chapter 10 in the book *Applying Metaverse Technologies to Human-Computer Interaction for Healthcare*, published by Routledge. 

Automated Toxic and Spam Detection in YouTube Comments Using BERT and Rapid Fuzzy Matching

2024

Published research paper in *Springer Nature*, a Scopus-indexed journal. 

Extracurricular Activities

IUCEE-KARE Student Chapter

Oct 2021 – Present

Member of the Activity Planning Team. Organized and hosted events, including QUIVIA for IKSC (IUCEE-KARE Student Chapter).

OWASP-KARE

Jan 2024 – Feb 2024

Served as Outreach Coordinator, managing collaborations and promoting cybersecurity initiatives.

NCC CADET

2019

Successfully completed the "A" Certification, demonstrating leadership, discipline, and teamwork.