

Krishna Chaitanya Maddukuri

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PROFESSIONAL SUMMARY

Skilled in Data Structures and Algorithms (DSA) with expertise in Java. Experienced in developing responsive and interactive web applications using React and Node.js. Proficient in Machine Learning (ML) and Deep Learning (DL) techniques. Passionate about leveraging technology to solve real-world problems and contribute to innovative projects. Strong problem-solving skills and a collaborative team player.

EDUCATION

Bachelor of Engineering in Computer Science <i>Neil Gogte Institute of Technology</i>	Hyderabad, Telangana <i>Sep 2022 – Sep 2026</i>
<ul style="list-style-type: none">CGPA: 9.04Relevant Coursework: Data Structures, Algorithms, Machine Learning, Artificial Intelligence, Database Management	
Intermediate (12th Grade) <i>Sri Chaitanya Junior College</i>	Hyderabad, Telangana <i>Jun 2020 – Mar 2022</i>
<ul style="list-style-type: none">Percentage: 98.5%	
SSC (10th Grade) <i>Sri Chaitanya School</i>	Khammam, Telangana <i>Jun 2019 – Mar 2020</i>
<ul style="list-style-type: none">GPA: 10	

TECHNICAL SKILLS

Programming Languages: Java, Python, C
Web Technologies: HTML, CSS, JavaScript, React, Node.js
Databases: MySQL, MongoDB
Tools: Git, Postman, VS Code, Jupyter Notebook
Core Subjects: Data Structures, Algorithms, Machine Learning, Artificial Intelligence
Languages: English (Fluent), Telugu (Native)

PROJECTS

Speech Emotion Recognition using Deep Learning	<i>Oct 2024 – Jan 2025</i>
<ul style="list-style-type: none">Developed a deep learning model to recognize emotions in speech using time and frequency domain features.Implemented Artificial Neural Networks (ANN) and Convolutional Neural Networks (CNN) to classify six basic emotions (angry, sad, happy, fear, surprise, neutral) with 65-70% accuracy.	
Auto Summarization and Q&A Generation	<i>Jun 2024 – Aug 2024</i>
<ul style="list-style-type: none">Designed and developed a web application using React and Flask integrated with Gemini API to summarize PDFs at three different levels and generate Q&A and quizzes.Enhanced user experience by providing dynamic and interactive features for document analysis.	
Hospital Appointment Management System	<i>Nov 2023 – Feb 2024</i>
<ul style="list-style-type: none">Built a MERN stack application to streamline the process of booking doctor appointments, reducing patient waiting time significantly.Implemented features for user authentication, appointment scheduling, and real-time notifications.	

ACHIEVEMENTS

- Led and managed teams in two semester-long projects, ensuring timely delivery and high-quality outcomes.
- Solved 150+ Data Structures and Algorithms (DSA) and SQL problems on platforms like LeetCode and GeeksforGeeks.

- Certified in Java Programming Language by NPTEL.
- Earned certifications in Basic Java and SQL from HackerRank.