Chilivery Sripad

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Professional Summary

Computer Science undergrad with hands-on Full-Stack, real-time web apps, and AI/ML experience, media sync, chatbots, and recommendation engines. Skilled in Java, C, Python, data structures, problem-solving, and machine learning.

Education

Keshav Memorial Institute of Technology, Hyderabad   *2022 – 2026*
B.Tech in Information Technology   *CGPA: 8.8/10*

Sri Chaitanya Junior College   *2020 – 2022*
Intermediate, Telangana State Board   *94.7%*

Greenwood High School, Warangal   *2019 – 2021*
CBSE Board   *81.6%*

Projects

VibeRoom - Real-Time Music Sync Platform *[Live Demo] [Source Code]*   *Apr 2025*

− Developed a real-time web app that allows users to listen to YouTube music in sync and engage in audio conversations, creating a shared, interactive experience.

− Utilized **WebRTC** for peer-to-peer calls, **YouTube IFrame API** for synchronized playback and **Socket.IO** for seamless multi-user synchronization and dynamic media handling.

Recipe Realm (Team) *[Source Code]*   *Sep 2024*

− Created a full-stack recipe generator app that provides personalized recipe suggestions based on user-input ingredients, utilizing **semantic similarity techniques** for accurate matching.

− Integrated a conversational **LLM-powered chatbot** for cooking queries and used **web scraping** to enhance the recipe dataset, built with the **MERN stack**.

AI/ML Chatbot for NMCG (Team) *[Live Demo] [Source Code]*   *Feb 2024*

− Developed a **Reinforcement Learning Chatbot** for the National Mission Clean Ganga to improve user engagement on water conservation, deployed across museums and websites for scalable access.

− Used **Cosine Similarity** for intent recognition and scikit-learn for classification, supporting **voice-to-text** to serve diverse audiences.

Technical Skills

- **Languages:** Java, Python, C++, C
- **Web:** React.js, HTML, CSS, Node.js, Express.js, WebRTC
- **Databases/Cloud:** MongoDB, SQL, Render, GitHub Pages
- **Tools/Libraries:** Git, Postman, Flask, scikit-learn, TensorFlow
- **CS Core:** Data Structures, Algorithms, DBMS, OS, OOP

Certifications and Achievements

- Qualified **GATE 2025 (CS)** with a score of **456** and All India Rank **9703**, **top 5.68%** nationwide
- NCAT 2025 (Naukri Campus) – All India Rank: **24,811**
- AI for India 2.0 – GUVI Geek Networks
- Data Science using Python
- ChatGPT & Google Bard
- Completed over 600 Data Structures and Algorithms problems on LeetCode
- Achieved 2-star rating on CodeChef.