

# CHILIVERY SRIPAD

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## PROFESSIONAL SUMMARY

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Computer Science undergraduate with hands-on experience in full-stack development, real-time web applications, and AI/ML. Proven ability to build scalable solutions like synced media apps, intelligent chatbots, and recommendation engines. Skilled in Java, C, Python, Data Structures, Problem solving and machine learning.

## EDUCATION

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### Keshav Memorial Institute of Technology, Hyderabad

B.Tech in Information Technology

2022 – 2026

CGPA: 8.8/10

### Sri Chaitanya Junior College

Intermediate, Telangana State Board

2020 – 2022

94.7%

### Greenwood High School, Warangal

CBSE Board

2019 – 2021

81.6%

## PROJECTS

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### 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

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- **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

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- 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.