

Kolasani Yagna Madhav

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SKILLS

- **Languages:** C++, JavaScript, Python
- **Web Technologies:** HTML, CSS and JavaScript
- **Tools/Platforms:** MySQL, Tableau, Git, GitHub, Google Colab
- **Soft Skills:** Problem-Solving Skills, Team Player, Adaptability

TRAINING

- **GeeksforGeeks – Data Structures and Algorithms** May 2024 – August 2024
 - Completed a structured training program focused on core data structures and algorithms.
 - Gained practical experience in implementing and optimizing algorithms such as sorting, searching, and recursion.
 - Strengthened problem-solving skills through regular practice on coding platforms like LeetCode and HackerRank.**Tech stacks used:** Data Structures and Algorithms, C++, Git

PROJECTS

- **Fake News Detection - Detecting false information using machine learning:** January 2025
Engineered a responsive and interactive front-end using HTML, CSS, and JavaScript for a seamless user experience. Trained machine learning models to achieve high accuracy in fake news classification. Integrated an API to fetch live news articles and applied ML models to classify them as real or fake, enhancing the reliability of online information.
Tech: HTML, CSS, JavaScript, Google Colab, Python, API
Link: github.com/Madhav-kolasani/Fake-News-Detector
- **Voice Translation System – Real-time speech-to-speech translation using web technologies:** February 2025
Developed a real-time voice translation system using Flask, HTML, CSS, and JavaScript to enable seamless speech-to-speech communication. Integrated a translation API to convert spoken input into translated audio output instantly. Ensured smooth user interaction through an intuitive and responsive front-end interface.
Tech: HTML, CSS, JavaScript, Python, Flask
Link: github.com/Madhav-kolasani/translator
- **AI Chatbot - AI-based assistant for real-time user queries:** February 2025- March 2025
AI Chatbot is an intelligent conversational assistant that handles real-time user queries and automates responses to improve user experience. Designed to understand context and provide accurate, instant replies across various use cases.
Tech: HTML, CSS, JavaScript, API
Link: madhavs-ai-chat-bot.vercel.app
- **Netflix Dashboard - Visual analysis of Netflix content and trends:** September 2024 – November 2024
Designed and built an interactive Netflix Dashboard in Tableau to visualize and analyze content trends and user engagement metrics. Incorporated filters and parameters to enable users to explore data by year, genre, region, and other dimensions. Enhanced user experience by designing a clean and intuitive interface, ensuring clarity and ease of navigation.
Tech: Tableau, Tableau Prep
Link: tableau.com/app/profile/netflix/dashboard

CERTIFICATES

- Data Structures and Algorithms - Self-Paced (C++) by GeeksforGeeks May 2024 – August 2024
- Google Data Analytics by Coursera June 2024 – November 2024
- Cloud Computing by NPTEL July 2024 – October 2024

ACHIEVEMENTS

- **Secured Top 30 Position:** February 2024
Ranked in the Top 30 out of 370+ teams in the AWS-powered Prompt Builder Hackathon as part of Team Iterators, for developing an innovative Live Voice Translator that facilitates seamless real-time multilingual conversations.
- **Participated in Web-e-Stan Hackathon:** January 2024
Contributed as a member of Team Coding Wizards in developing a Fake News Detection web application aimed at combating online misinformation through machine learning.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering | CGPA: 7.71 Since August 2022
- **Sri Chaitanya Junior College** Chilakaluripet, Andhra Pradesh
Intermediate (MPC) | Percentage: 96.6% August 2020 - May 2022
- **AMG Residential High School** Bapatla, Andhra Pradesh
Matriculation | CGPA: 9.3 July 2019 - April 2020