G Naga Vamshi

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EDUCATION

Bachelor of Technology in Computer Science and Engineering, Amrita Vishwa Vidyapeetham   2022 – 2026
CGPA : 8.9   Amravati, India

PROFESSIONAL EXPERIENCE

Technical Secretary, ACM, Association for Computing Machinery Student Branch   Jun 2023 –
Jun 2024
- Collaborated with faculty and members to organize multiple tech events through out the academic year.
- Coordinated ACM Quiz-o-mania, a technology-based quiz focused on **Computer Architecture** and programming, attracting over **120** participants.
- Enhancing engagement through innovative questions and interactive formats.

PROJECTS

TubeTidy : Youtube, Browser Extension ✐   Dec 2024
- Engineered a Chrome extension using HTML, CSS, JavaScript, and **Chrome Extension APIs** to boost productivity by reducing YouTube distractions.
- Features include hiding feeds, comments, **suggestions**, converting Shorts to regular videos, and a dark mode toggle.
- Used by around **100 users** to enhance focus and avoid Doomscrolling YouTube.

Plan It Pal, AI Itinerary Planner ✐   Oct 2024
- Developed an itinerary generator using **React** that utilizes Gemini AI (**API**) to create personalized travel plans for up to 14 days.
- Effortlessly recommends places and activities based on user preferences and interests.
- Integrated real-time updates and community insights for enhanced travel experiences.

NMF Translate IO, Non-Manual features translator ✐   Aug 2024
- Created a **deep learning** system to automatically convert **Indian Sign Language** (ISL) gestures, including both manual and **non-manual** features, to text using OpenCV and MediaPipe.
- Utilized a combination of Convolutional Neural Networks (**CNN**) and Long Short-Term Memory (**LSTM**) networks for improved gesture recognition.
- Obtained **90%** accuracy in translating gestures, enhancing the efficiency of the system.

SKILLS

Technical
Proficient in C++ and Python. Experienced in TensorFlow, Flask, Java, MySQL, and Git version control systems.

Soft Skills
Effective communicator; adaptable and quick-thinking; skilled problem solver; strong collaborative team player.

Data Science
Applied Machine learning and deep learning techniques using the TensorFlow framework to analyze and model for various projects

Web Development
Knowledge of HTML, TailWind CSS, JavaScript, React.js, AWS cloud, Tkinter.

CERTIFICATES

100 Days of Code: The Complete Python Pro Bootcamp by Dr. Angela Yu ✐

Programming, Data Structures And Algorithms Using Python - IIT Madras ✐

HackerRank Skill Tests
Certified in Python , Java , Problem Solving , MySql and Database Management.

Introduction To Machine Learning - IITKGP ✐

ACHIEVEMENTS

Smart India Hackathon - Internal (SIH) ✐   Sep 2024
- Led a team of 6 to **1st place** out of 32 teams, Creating a NMF Sign language Translator .

NPTEL   May 2024
- Awarded a Silver + **Elite** badge in Data Structures And Algorithms Using Python - **IIT M** .
- Achieved a **Top Score** and a **Silver** rank in Machine Learning Assessment by **IIT-KGP**.

DoAI DSA Contest, SVNIT Surat ✐   Dec 2024
- Ranked **7th** among 400+ participants in the Data Structures and Algorithms contest Round.