RESUME

TITLE   : Madhavareddygari Akshith Reddy
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EDUCATION:

S. No	Qualification	Institute	Year	GPA or Percentage
1	B. Tech (CSE-AI&DS)	VNRVJIET	2021-25	**8.69 CGPA** (Currently in the 5th Semester)
2	Intermediate	Sri Chaitanya Junior College	2019-21	**98.6%**

PROJECTS:

❖ **LIBRARY MANAGEMENT SYSTEM (Dbms):** Engineered a user interface specifically designed to streamline the management large-scale acquisitions, encompassing of 100's of new materials. Introduced an online public access feature and an administration module, successfully completed in 2022.

❖ **SIGN LANGUAGE TRANSLATION (Machine Learning):** Created a cutting-edge application in 2023 using machine learning for sign language translation; revolutionized communication for the hearing impaired by utilizing hand gesture recognition, human- computer interaction, glove, and vision-based approaches impacting 2.42 million.

❖ **CAPTCHA GENERATOR(Java):** Developed a captcha generator using Python and machine learning techniques, crafting randomized image-based changes. Improved website security by deterring automated bots through a sophisticated verification system. Implemented algorithms to generate unique and complex CAPTCHA.

❖ **IRIS DATA VISUALIZATION (Data Science):** Established an advanced machine learning iris model. Predicting total counts, categorizes species, and analyzes temporal variations across 5 billion hectares. Anomaly detection identifies irregularities, establishing a new standard in iris analysis with rigorous pre-processing.

TECHNICAL SKILLS:

Programming languages	C, C ++, Python, Java, SQL
Libraries	NumPy, Pandas, matplotlib, Seaborn, Sklearn
Software tools	AutoCAD, Photoshop
Operating Systems	Linux,Unix

COURSES:

- ❖ **STACK DEVELOPMENT MERN (2022-2023):** Studied frontend technologies such as HTML, CSS, Bootstrap, along with frameworks like NodeJS, JavaScript. Explored backend operations using MongoDB at VNRVJIET.
- ❖ **DSA (2023-PRESENT):** Perfecting solution optimization, data structures, and algorithms at SMART INTERVIEWS.

CERTIFICATIONS:

- ❖ **Certificate of Service** 2022-2023 from Street Cause (National Organization)

- ❖ NPTEL Certification in **Data Science for Engineers** 2023.

- ❖ **Infosys Springboard** certificate on **Prompt Engineering** and **Introduction to Unix** in 2023.

ACHIEVEMENTS:

Co-Curricular:
- ❖ Achieved **4th** prize for **Designing logo** for VJ Data Questers (Coding Club)

Extra-Curricular:
- ❖ Appointed as **social media head** for Departmental Magazine.
- ❖ Received the responsibility of **1st School captain** at school from 2018-2019.
- ❖ Acquired **4th** place by performing **Stage Play** at **IITH** and collaborated as **Actor, Script Writer** in Dramatrix (college club).

STRENGTHS:

- ❖ Guided a high achieving team through difficult situations and achieved 15% improvement compared to previous year.

- ❖ Established and maintained open channels of communication among the students in all the clubs, reducing the time gap by 30%.