

RESUME

TITLE: MadhavaReddygari Akshith Reddy

PHONE: 9346868521

LINKS:

Email address: akshithmunna0809@gmail.com

LinkedIn: <http://www.linkedin.com/in/akshithreddy0809>

Code Chef: <http://www.codechef.com/users/akshith0809>

Hacker Rank: <http://www.hackerrank.com/profile/akshithmunna0809>

GitHub: <http://github.com/akshithmunna0809>

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:

- ❖ **RAILWAY MANAGEMENT SYSTEM (Dbms):** Engineered a comprehensive database solution for optimizing 100's of railway networks of our country. This solution simplifies the management of the extensive railway network, providing a streamlined approach to handle station information, track connections, train details, and schedules. Successfully implemented for enhanced efficiency.
- ❖ **SIGN LANGUAGE TRANSLATION (Machine Learning):** Created a cutting-edge application in 2023 using machine learning for sign language translation, revolutionizing communication for the hearing impaired by using hand gesture recognition, human-computer interaction, glove, and vision-based approaches impacting 2.42 million.
- ❖ **PASSWORD GENERATOR (Java):** Created a secure password generator in Java to enhance account security amid rising hacking threats. Utilized Java's functions to generate complex passwords, promoting robust protection. Encrypted password storage adds an extra layer of security, requiring knowledge of Cryptography and Java Cryptography Architecture.
- ❖ **IRIS DATA VISUALIZATION (Data Science):** Implemented an advanced machine learning iris model that accurately predicts total counts, categorizes species, and analyzes temporal variations across 5 billion hectares; obtained accuracy in iris analysis while identifying irregularities through 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).
- ❖ Workshop on **Applied AI** at VNRVJIET.
- ❖ NPTEL Certification in **Data Science for Engineers**, 2023.
- ❖ **Infosys Springboard** certificate on **Introduction to Artificial Intelligence** and **Introduction to R** in 2023.

ACHIEVEMENTS:

Co-Curricular:

- ❖ Secured **4th** prize for **Designing logo** for VJ Data Questers (Coding Club).
- ❖ Orchestrated marketing strategies resulted in **100%** registrations for **rimland** event.

Extra-Curricular:

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

STRENGTHS:

- ❖ Established and maintained open channels of communication among students in all clubs, reducing the time gap by 30%.
- ❖ Collaborated with an inspired team through challenging situations, resulting in a 15% improvement compared to the previous year.
- ❖ Initiated and led a collective effort within Street Cause team, yielding a 20% increase in the successful implementation of projects.