

KANCHERLA VENKAT SAI

B.E(CSE)

MVSR Engineering College, Hyderabad

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EDUCATION

Course	College/University	Year	CGPA/%
B.E(CSE)	MVSR Engineering College	2021-2025	9.05
Intermediate/+2	Narayana Junior College	2019-2021	95.8

WORK EXPERIENCE

- **Technical Member | MVSREC AIMER, Hyd** [Feb'24-Present]
 - Actively participated as a technical member in MVSREC AIMER, focusing on research in artificial intelligence and machine learning.
 - Hands-on experience in artificial intelligence and machine learning research methodologies.
- **Cloud Open Source Co-Lead | GDSC MVSREC, Hyd** [Aug'23-Present]
 - Mentored a group of 10-15 club members, providing guidance, support, and technical assistance in their learning journey and project development.
 - Facilitated collaborative learning environments, encouraging knowledge sharing, teamwork, and peer-to-peer support within the GDSC MVSREC community.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++
- **Libraries:** NumPy, Pandas, Matplotlib, scikit-learn
- **Machine Learning Concepts:** Supervised Learning, Unsupervised Learning
- **Algorithms:** Linear Regression, Logistic Regression, Decision Trees
- **Tools/Frameworks:** TensorFlow , pytorch
- **Mathematics/Statistics:** Linear Algebra, Calculus, Probability/Statistics
- **Database Management:** Familiarity with SQL and NoSQL.
- **Algorithms and Data Structures:** Familiarity with algorithms and data structures for efficient problem-solving.

PROJECTS

- **Tracking Vehicle Count**
 - Developed and deployed a vehicle counting system leveraging YOLO (You Only Look Once) object detection and DeepSORT (Simple Online and Realtime Tracking) algorithms. Custom infrastructure was implemented to efficiently support the system's requirements. The project achieved a significant enhancement in tracking accuracy and efficiency, resulting in a 25 percent decrease in tracking errors. Collaborated closely with a team of three developers to design, implement, and deploy the system effectively.
- **Netflix Movie Recommendation**
 - Developed and implemented a personalized recommendation algorithm for a streaming service similar to Netflix. Utilized collaborative filtering techniques such as matrix factorization and content-based filtering to enhance user experience.

CERTIFICATIONS

- **Data Analytics Virtual Internship,AICTE,2023**
- **AI-ML Virtual Internship,AICTE,2023**
- **Programming in Java,NPTEL,2023**
- **Programming Essential in Python,CISCO,2023**
- **Programming Essential in C++,CISCO,2023**