

KONUDULA NITHIN KUMAR REDDY

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OBJECTIVE

Highly motivated CSE student specializing in Data Science with a strong foundation in Java, development, and machine learning. Passionate about technology and problem-solving, actively exploring full-stack development and AI applications.

EDUCATION

B.Tech in Computer Science (Data Science)

CGPA: 8.69/10

B.V. Raju Institute of Technology, Narsapur

2022 – Present

PROJECTS

1. A Comprehensive Website for Deaf People

- Developed a website for deaf individuals to learn ASL through video tutorials and interactive quizzes with a scoring system.
- Stored user data in a database and included a feedback section to improve user experience.

Tech Used: Node.js, Express.js, React.js, MongoDB, JWT

2. TeamSync – Collaborative Team Project Management Website

- Built a project management platform enabling users to manage personal and team tasks, track progress, and collaborate via chat without fixed role-based access.
- Included features like project invitations via email, subtasks, filters, calendar view, notifications, and real-time updates for enhanced productivity.

Tech Used: Node.js, Express.js, React, MongoDB, JWT, Nodemailer, Socket.IO, Tailwind CSS

3. Sign Language Detection through Action Recognition

- Built a video-based sign language detection model that converts gestures to text using facial expressions, hand, and pose keypoints.
- Leveraged LSTM for temporal analysis to enhance accuracy over static image-based systems.

Tech Used: Python, LSTM, MediaPipe Holistic, OpenCV, PyTorch

SKILLS

Languages:	Java, Python (Basic) , Javascript , SQL
Web Technologies:	HTML, CSS, JavaScript, ReactJS , NodeJs , ExpressJs , MongoDB
Tools:	Git , GitHub , Jupyter Notebook , Google Colab

ACHIEVEMENTS

Runner-Up - Code Breakers Competition, Promethean Tech Event.

December - 2023

CERTIFICATIONS

IBM SkillsBuild - IBM SkillsBuild Mastering Data with Machine Learning

NPTEL Programming in Java

INFOSYS Programming using Java

WORKSHOPS

Workshop on Blockchain Technology

October - 2024

Workshop on Generative AI

March - 2024

INTERESTS

Machine Learning AI – Enthusiast in building intelligent systems for real-world applications.

Full Stack Development (MERN) – Interest in developing end-to-end applications.