AKSHAYA REDDY B

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Career Objective

Passionate B.Tech second-year Computer Science student with a specialization in Data Science. Eager to apply my technical and analytical skills in internships or projects that foster hands-on experience in data science, machine learning, and software development.

Academic Projects

Signature Verification System

- Developed a signature verification system using MERN stack and Convolutional Neural Network (CNN) .
- Utilized deep learning for signature pattern recognition to improve system accuracy.

AI-Powered Talking Avatar

- Working on developing an AI-powered talking avatar using the MERN stack with deep learning integration.
- Implementing a transformer-based language model for text processing and emotion detection.
- Integrated DiffTalk for realistic lip-syncing and facial animation.
- Utilized text-to-speech (TTS) for natural speech generation, enhancing user engagement.

Technical Skills

- Programming Languages: Python, Java(OOPs),C
- Data Science & Deep Learning: Pandas, NumPy, Matplotlib, TensorFlow
- Web Development: HTML, CSS, JavaScript
- Database Management: MySQL, MongoDB
- Tools: Git, Jupyter Notebooks, Visual Studio Code

Education

- Bachelor of Technology in Computer Science

Keshav Memorial Institute of Technology

- Secondary Education

Narayana Jr. College Score: 97.7%

- High School

Mount Carmel Global School Score: 90%

Achievements

- Winner - Hackathon, MVSR Engineering College-Deep Learning, CNN, Team Management
- Data Analytics Job Simulation, Deloitte Australia - Forage-Data Analytics, Business Insights
- AI & Full Stack Development, Project School KMIT -Deep Learning, CNN, MERN Stack

Language

English ,Telugu ,Hindi

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Signature: Akshaya Reddy