MIDINTI AKSHAY KUMAR

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Objective

Motivated and driven professional with a strong foundation in computer science and data science. Committed to utilizing analytical skills for meaningful outcomes, aligning with organizational visions and fostering innovative solutions in dynamic environments. Enthusiastic about continuous learning and professional growth.

Education

- **MLR Institute of Technology** (2020–2024): BTech, Computer Science and Data Science
- **Sri Sangameshwara Government Polytechnic College** (2017–2020): Diploma in Mechanical Engineering
- **Zilla Parishad High School** (2016–2017): SSC (High School)

Technical Skills

- **Programming:** HTML, CSS, Python, Java, SQL
- **Data Science:** Data Analysis, Machine Learning, Big Data Analytics
- **Tools & Platforms:** TensorFlow, Streamlit, Excel
- **Soft Skills:** Problem Solving, Critical Thinking, Adaptability, Communication

Projects

Gesture Interpreter (2024)

- Developed a computer vision tool that translates sign language gestures into real-time text, improving communication for 100+ users.
- Engineered a customizable framework for personalized gestures and expanded accessibility.
- Delivered a cost-effective, hardware-free solution for diverse user groups.

Image Classification using Machine Learning (2025)

- Built an image classification system using MobileNetV2 and CIFAR-10, achieving 92% accuracy.
- Developed an interactive Streamlit web app for real-time image uploads and classification, reducing inference time by 30%.
- Optimized for resource-constrained environments, ensuring scalability and seamless integration.

Certifications

- Career Essentials in Data Analysis – Microsoft & LinkedIn
- Big Data Analytics – Great Learning
- Data Analytics Essentials – Cisco
- Python for Data Science – IBM
- Introduction to Machine Learning – NPTEL
- Java Basics – Coding Ninjas
- Core Java – Infosys Springboard
- SQL (Basic) – HackerRank

Additional Information

- Enthusiastic about continuous learning and keeping up with emerging technologies.
- Strong collaborator with experience in cross-functional teams and project leadership.