MIDINTI AKSHAY KUMAR

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Objective

Motivated computer science and data science graduate skilled in data analysis and machine learning. Passionate about solving real-world problems through scalable and impactful solutions.

Education

MLR Institute of Technology – BTech in Computer Science and Data Science	2023–2026
Sri Sangameshwara Government Polytechnic College – Diploma in Mechanical Engineering	2020–2023
Zilla Parishad High School – SSC	2019–2020

Technical Skills

- **Programming:** HTML, CSS, Python, Java, SQL
- **Version Control:** Git, GitHub
- **Libraries:** NumPy, Pandas, Matplotlib
- **Data Science:** Data Analysis, Machine Learning, Big Data Analytics
- **Tools:** TensorFlow, Streamlit, Excel, VS Code, Anaconda, Jupyter Notebook
- **Soft Skills:** Problem Solving, Critical Thinking, Adaptability, Communication

Projects

Gesture Interpreter (2024)

- Developed a computer vision tool that translates sign language into real-time text, tested with 100+ users.
- Engineered a customizable framework for personalized gestures to improve accessibility.
- Delivered a cost-effective, hardware-free solution for wide adoption.

Image Classification using Machine Learning (2025)

- Built a CIFAR-10 classifier with MobileNetV2, reaching 92% accuracy.
- Created a Streamlit app for image uploads and classification.
- Optimized for low-resource environments to enable scalable use.

Certifications

- **Career Essentials in Data Analysis – Microsoft & LinkedIn**
  Excel, Power BI, SQL
- **Big Data Analytics – Great Learning**
  Basics of Hadoop and Spark
- **Data Analytics Essentials – Cisco**
  Data wrangling and visualization
- **Python for Data Science – IBM**
  NumPy, Pandas, Matplotlib
- **Introduction to Machine Learning – NPTEL**
  Regression, clustering, SVMs
- **SQL (Basic) – HackerRank**
  Query writing and joins
- **Core Java – Infosys Springboard**
  OOP, exception handling, inheritance

Additional Information

- Passionate about continuous learning and applying tech to real-world challenges.
- Collaborated and led technical teams on multiple academic and personal projects.