MERUVA LOKESH

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EDUCATION

- **Koneru Lakshmaiah University** *Sep 2022 - June 2026 (Expected)*
  B.Tech - Computer Science and Engineering Vijayawada, Andhra Pradesh
  - GPA: 8.69
- **Narayana Junior College** *2020 - 2022*
  Intermediate Nellore, Andhra Pradesh
  - Grade: 93.7%

PROJECTS

- **ResNet-Powered Web Application for Multi-Class Vehicle Image Classification** *March 2025*
  Tools: [Python, TensorFlow, Flask, ResNet50, HTML/CSS]
  - Built an end-to-end deep learning web application that classifies vehicles into categories using the ResNet50 CNN architecture
  - Integrated TensorFlow model with Flask backend and deployed a web interface for real-time image prediction
  - Achieved over 80% accuracy on the test dataset with optimized preprocessing and data augmentation techniques
  - **GitHub:** https://github.com/meruva-lokesh/ResNet-Powered-Web-Application-for-Multi-Class-Vehicle-Image-Classification
- **Resume Analyser** *February 2025*
  Tools: [Python, NLP, Scikit-learn, Gradio]
  - Developed an AI-powered web tool to evaluate resumes by extracting and analyzing textual features using NLP techniques
  - Implemented keyword matching, scoring logic, and feedback system based on job descriptions
  - Built interactive front-end using Gradio and deployed as a standalone web application
  - **GitHub:** https://huggingface.co/spaces/loki2910/Resume-Analyser
- **Handwritten Digit Recognizer** *January 2025*
  Tools: [Python, TensorFlow, Keras, Flask, HTML/CSS]
  - Created a deep learning model using CNN to classify handwritten digits (0–9) from the MNIST dataset
  - Designed a user-friendly web interface to draw digits and receive real-time predictions using Flask
  - Achieved 80% accuracy and optimized model performance with dropout and batch normalization layers
  - **GitHub:** https://github.com/meruva-lokesh/Handwritten-Digit-Recognition

SKILLS

- **Programming Languages:** C,Python,
- **Web Development:** HTML, CSS, Flask
- **Developer Tools:** Git, VS Code

CERTIFICATIONS

- **Hackerrank:SQL**
- **Kaggle:Deep Learning**