

MERUVA LOKESH

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LinkedIn

GitHub

EDUCATION

- Koneru Lakshmaiah University**
B.Tech - Computer Science and Engineering
◦ GPA: 8.62
Sep 2022 - June 2026 (Expected)
Vijayawada, Andhra Pradesh
- Narayana Junior College**
Intermediate
◦ Grade: 93.7%
2020 - 2022
Nellore, Andhra Pradesh

PROJECTS

- ResNet-Powered Web Application for Multi-Class Vehicle Image Classification**
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 92% 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>
March 2025
- AI Resume Analyzer**
Tools: [Python, NLP, Scikit-learn, Streamlit]
◦ 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 Streamlit and deployed as a standalone web application
◦ **GitHub:** https://github.com/meruva-lokesh/AI_Resume_Analyzer
February 2025
- Handwritten Digit Recognizer**
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 98% accuracy and optimized model performance with dropout and batch normalization layers
◦ **GitHub:** <https://github.com/meruva-lokesh/Handwritten-Digit-Recognition>
January 2025

SKILLS

- Programming Languages:** C, C++, Python, SQL, JavaScript
- Web Development:** HTML, CSS, Flask
- Libraries/Frameworks:** PyTorch, Scikit-learn, Pandas, NumPy
- Developer Tools:** Git, VS Code, Jupyter Notebook, MySQL
- Coursework:** DSA, OOPS, DBMS, ML, NLP

CERTIFICATIONS

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